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CATALOGUE

OF

WILLIAMS COLLEGE

1892-93

WILLIAMSTOWN, MASS.

PUBLISHED BY THE COLLEGE

1892

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PRESIDENTS

REV. EBENEZER FITCH, D.D., 1793-1815

REV. ZEPHANIAH SWIFT MOORE, D.D., 1815-1821

REV. EDWARD DORR GRIFFIN, D.D., 1821-1836

REV. MARK HOPKINS, D.D., LL.D., 1836-1872

HON. PAUL ANSEL CHADBOURNE, D.D., LL.D., 1872-1881

FRANKLIN CARTER, PH.D., LL.D., 1881-

TRUSTEES

FRANKLIN CARTER, PH.D., LL.D.,

PRESIDENT

REV. ROBERT RUSSELL BOOTH, D.D., New York City

CHARLES AUGUSTUS DAVISON, M.A., New York City

HON. DERICK LANE BOARDMAN, B.A., Troy, N. Y.

HON. JAMES MADISON BARKER, LL.D., Pittsfield

REV. WILLIAM WISNER ADAMS, D.D., Fall River,

HORACE ELISHA SCUDDER, B.A., Cambridge

FREDERICK FERRIS THOMPSON, M.A., New York City

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REV. HENRY HOPKINS, D.D., Kansas City, Mo.

REV. WASHINGTON GLADDEN, D.D., LL.D., Columbus, O.

HON. JAMES WHITE, M.A., Williamstown

HON. JOHN EDWIN BRADLEY, PH.D., Jacksonville, Ill.

* HON. HENRY MARTYN HOYT, LL.D., Philadelphia, Penn.

FRANCIS LYNDE STETSON, M.A., New York City

ALBERT CHARLES HOUGHTON, North Adams

JUSTIN KELLOGG, M.A., Troy, N. Y.

* Deceased.

Williams College

HON. JAMES WHITE, M.A.,
SECRETARY AND TREASURER

FINANCE COMMITTEE

CHARLES A. DAVISON
DERICK L. BOARDMAN
JAMES M. BARKER
FREDERICK F. THOMPSON
FRANCIS L. STETSON

EXECUTIVE COMMITTEE

ROBERT R. BOOTH
WILLIAM W. ADAMS
CHARLES C. HALL
HORACE E. SCUDDER
JOHN E. BRADLEY

FACULTY AND OFFICERS

FRANKLIN CARTER, PH.D., LL.D.,
President, and Barclay Jermain Professor of Natural Theology

REV. JOHN BASCOM, D.D., LL.D.,
Acting Orrin Sage Professor of Political Economy

REV. ARTHUR LATHAM PERRY, D.D., LL.D.,
Emeritus Professor of Political Economy

TRUMAN HENRY SAFFORD, PH.D.,
Field Memorial Professor of Astronomy

CYRUS MORRIS DODD, M.A.,
Professor of Mathematics

JOHN HASKELL HEWITT, M.A.,*
Garfield Professor of the Ancient Languages

REV. EBEN BURT PARSONS, D.D.,
Registrar, and Secretary of the Faculty

Jackson Professor of Christian Theology, and Pastor of the College Church

REV. LEVERETT WILSON SPRING, D.D.,
Morris Professor of Rhetoric

ORLANDO MARCELLUS FERNALD, M.A.,
Lawrence Professor of the Greek Language and Literature

REV. FRANKLIN WESTON BARTLETT, D.D.,
Instructor in Hebrew

RICHARD AUSTIN RICE, M.A.,
J. Leland Miller Professor of American History, Literature, and Eloquence

REV. CHARLES HENRY BURR, B.A.,
Librarian, and Instructor in Biblical Literature

GEORGE MORITZ WAHL, L.H.D.,
Assistant Professor of Modern Languages

* Absent in Europe

Williams College

JOHN EDWARD RUSSELL, M.A.,
Mark Hopkins Professor of Intellectual and Moral Philosophy

LUTHER DANA WOODBRIDGE, M.D.,
Professor of Anatomy and Physiology

LEVERETT MEARS, PH.D.,
Professor of Chemistry

Massachusetts Professor of the Latin Language and Literature

FRANCIS GREENLEAF ALLINSON, PH.D.,
Assistant Professor of the Ancient Languages

SAMUEL FESSENDEN CLARKE, PH.D.,
Professor of Natural History

BLISS PERRY, M.A.,
Professor of Elocution and English

FRANCIS LOCKWOOD KENDALL, M.A.,
Assistant Professor of Modern Languages

HENRY LEFAVOUR, PH.D.,
Thomas T. Read Professor of Physics

THOMAS LOGIE, PH.D.,
Assistant Professor of the Romance Languages

HENRY DANIEL WILD, M.A.,
Assistant Professor of the Latin Language

FREDERICK CARLOS FERRY, B.A.,
Instructor in Latin and Mathematics

ELWOOD WAITE ELDER, B.A.,
Instructor in Mathematics and Physics

JAMES INGRAHAM PECK, M.A.,
Assistant in Biology

EDWARD BARTOW, B.A.,
Assistant in Chemistry

THOMAS GOVE ADAMS, B.A.,
Director of the Gymnasium

T. NELSON DALE (Geologist U. S. G. S.)
Lecturer in Geology

WILLIAMS COLLEGE

The College owes its origin to an educational bequest of Colonel Ephraim Williams for the purpose of establishing "a Free School" in Williamstown. The charter of this school, which was granted March 8, 1785, reads as follows :

AN ACT for directing the use and appropriation of a charitable donation, made in a certain clause in the last will and testament of Ephraim Williams, Esq., for the support and maintenance of a Free School in Williamstown, in the County of Berkshire ; and for incorporating certain persons as trustees, in order more effectually to execute the intention of the testator, expressed in the same.

WHEREAS, Israel Williams, Esq., and John Worthington, Esq., executors of the last will and testament of Ephraim Williams, Esq., deceased, have represented to this court that the said Ephraim Williams, on the twenty-second day of July, Anno Domini one thousand seven hundred and fifty-five, made his last will and testament ; in which after divers bequests, devises, and dispositions, is contained the following clause, viz. :

Item : " It is my will, desire and pleasure that the remaining part of the lands, not yet disposed of, shall be sold at the discretion of my executors, within five years after an established peace ; and the interest of the money and also the interest arising from my bonds and notes, shall be appropriated towards the support and maintenance of a Free School, in a township west of Fort Massachusetts, commonly called the West Township, forever ; provided, the said township shall fall within the jurisdiction of the province of Massachusetts Bay ; and provided, also, the Governor and General Court give the said township the name of Williamstown ; and it is further my will and desire, that if there should remain any monies of the said above donation for the school, it be given towards the support of a school in the East Township, where the fort now stands ; but in case the above provisos are not complied with, then it is my last will and choice that the interest of the above-mentioned monies be appropriated to some pious and charitable uses, in manner and form as above directed in the former part of my last will and testament."

And, whereas the said executors have further represented, that it may be a matter of doubt and uncertainty whether the township mentioned in the above recited clause (which is now incorporated by the name of Wil-

Williamstown), has so far fallen within the jurisdiction of the province of Massachusetts, now Commonwealth of Massachusetts, in the sense of the testator, as that they might be justified in appropriating the said donation to the support and maintenance of a Free School in the said town ; and have submitted their duty to the determination of this court praying that an act may be passed to declare their duty, and to indemnify them in the execution of the same,

SECTION 1. Be it enacted by the Senate and House of Representatives, in General Court assembled, and by authority of the same, that the donation made in the clause before recited, ought to be presently applied to the use and maintenance of a Free School in the town of Williamstown, in the County of Berkshire, and that in case the said donation shall afford an annual interest more than sufficient for the supporting and maintaining such school in Williamstown, then the surplusage be appropriated to the use and maintenance of a Free School in the tract of land called by the testator, East Township, now incorporated by the name of Adams, with other lands adjoining, and that the said executors be, and hereby are indemnified in applying and appropriating the said donation to the uses above expressed, and shall be liable to no action or suit in law or equity, on account of such appropriations.

And, whereas the said executors have further prayed that for carrying into complete execution the intention of the testator, a corporation may be created and vested with such powers as may be necessary for that purpose,

SECTION 2. Be it therefore enacted by the authority aforesaid, that William Williams of Dalton, Theodore Sedgwick, Woodbridge Little, John Bacon, Thomson Joseph Skinner, Esquires, the Reverend Seth Swift and Daniel Collins, Mr. Israel Jones and Mr. David Noble, and their successors, to be elected and appointed as hereinafter directed and provided, be, and hereby are incorporated, and shall be a corporation forever by the name of "The Trustees of the donation of Ephraim Williams, Esq., for maintaining a Free school in Williamstown ;" and that the said trustees and their successors be, and hereby are vested with all the powers, rights, and immunities, which are by law incident to aggregate eleemosynary corporations.

SECTION 3. And be it further enacted, that the said corporation shall always consist of a number of not less than seven, nor more than nine persons, excepting only that whenever a vacancy shall happen by death, removal, refusal or resignation of any member or members, so that the number be reduced to less than seven, the aforesaid number, then the remaining or surviving trustees shall have full power to perform all corporate acts until such vacancy be supplied ; and the said trustees shall elect and appoint a clerk of the corporation, who shall fairly enter and

record all votes, acts, orders and proceedings, made, done or passed by the trustees; and shall elect a proper person to be their treasurer, who shall receive into his hands all monies belonging to the corporation, and pay the same pursuant to the order of the trustees, and shall always keep a fair account of all receipts and payments.

SECTION 4. And be it further enacted, that the power of electing and appointing successors in case of the death, removal, refusal or resignation of any of the trustees, be, and hereby is vested solely in the Supreme Judicial Court of this Commonwealth; and whenever any of the above mentioned cases shall happen, the trustees shall, as soon as conveniently may be, certify the same to the Justices of the said court, that a successor may be appointed; and the Justices of the same court are hereby empowered to remove from office and trust any member of the corporation who shall, in their judgment, be unfit to hold the same, by reason of incapacity, misdemeanor, negligence, or breach of trust.

And to the intent that the said donation may not be wasted, mismanaged, or perverted from its original intention.

SECTION 5. Be it further enacted by the authority aforesaid, that the said corporation, and the donation itself, shall always be under the visitation and direction of the Supreme Judicial Court, who are hereby empowered to visit the said corporation to rectify all abuses, to determine all matters of doubt or dispute touching the duty of the trustees, and the use, application or appropriation of monies or interests to the same donation belonging; and to make all such orders and regulations with respect to the use, management and appropriation of the same donation and every part thereof, as they shall judge necessary or useful in order to promote the best interests of the school, according to the true meaning and intention of the testator and such laws of this commonwealth as may be in force respecting the same; and the said court, whenever they shall judge necessary, shall cause the said trustees to come before them, either to render an account of expenditures and dispositions of monies, or to answer for any mismanagement or breach of trust; and the trustees shall appear and lay their accounts, papers, records and corporation books before the said court for inspection, whenever they shall be required thereto.

SECTION 6. And be it further enacted that the said trustees and their successors forever, shall have the possession, management and disposition of the whole interest and estate, real and personal, which is contained in and given, bequeathed, devised or disposed of by the above recited clause in the will aforesaid; and they are hereby empowered and directed, as soon as conveniently may be, to erect and maintain a Free School within the said town of Williamstown, for the instruction of youth, in such manner as most effectually to answer the

pious, generous and charitable intention of the testator, and agreeable to such orders and instructions as they may, from time to time, receive from the Supreme Judicial Court; and they are hereby empowered to appoint and employ instructors, masters and officers, as shall be necessary for that purpose.

And to the intent that the said trustees may be enabled, in the most easy and expeditious manner, to receive into their own possession and management, the whole estate, property and interest, contained in the aforesaid donation,

SECTION 7. Be it further enacted by the authority aforesaid, that the said executors shall, at the request of the trustees, make and execute to the said trustees a deed or deeds of conveyance of all such lands or real estate as belong to said donation, and yet remain unsold in which deed or deeds it shall be expressed that the executors do grant to the trustees the right, estate and interest of the testator, and of themselves, in and to the described lands or tenements to the trustees and their successors forever; and the said executors shall deliver over into the hands of the trustees, at their request, all such personal securities or mortgages as the executors now have in their own hands, and which are a part of the same donation; all which securities, whether bonds, promissory notes, mortgage deeds, or of what name or description soever, being endorsed with the name of the said executors, or one of them, and delivered as aforesaid, shall become the property of the trustees to all intents and purposes; and they are hereby empowered, in the name of the corporation, to bring any action or actions against the obligors, promissors, mortgagors or tenants, for recovering the contents of the same securities or possession of mortgaged estates, which action or actions shall be holden to be good and valid in law for that purpose, as if the securities or mortgage deeds had been originally made to the trustees by their corporate names.

And, whereas the testator has directed, that in case his principal donation should afford an interest more than sufficient for the support and maintenance of the school in Williamstown, the surplusage should be improved to the use of a school in the East Township; now called Adams, in the said County of Berkshire; and whereas questions and disputes may arise touching the (nature) meaning and extent of this part of the will, and when there may be said to be a surplusage beyond what should be necessary, according to the intent of testator, for the support of the school in Williamstown,

SECTION 8. Be it further enacted, that in case of such surplusage, the said trustees are hereby empowered and directed to use and employ the same for erecting and supporting a Free School in the said town of Adams, in the same manner as has been in this act before provided in

respect of the school in Williamstown ; and that all questions and disputes that may arise concerning such surplusage, and the duty of the trustees in respect of the several schools, shall be determined by the Supreme Judicial Court ; and the trustees shall always conform their conduct and administration herein to such orders and determinations as shall, from time to time, be made by the same court.

SECTION 9. And be it further enacted, that the Supreme Judicial Court may, at their discretion, exercise all the powers vested in them by virtue of this act, at any of their sessions holden within the counties of Berkshire or Hampshire ; and in all trials at law, the court ex-officio, shall take notice of this act to all intents and purposes whatsoever, and the same shall be given in evidence under any general issue.

February 11, 1789, an act was passed granting a lottery for the purpose of erecting a suitable building for the use of the Free School in Williamstown, part of which is as follows :

WHEREAS, it appears that it would promote the education of youth to erect a suitable building for the accommodation of the Free School in Williamstown, and the trustees of said school have represented their inability to accomplish the same without the aid of the Legislature, and have requested that a lottery may be granted for that purpose :

Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, that there be, and hereby is granted a lottery, for raising a sum not exceeding twelve hundred pounds, the profits of which, after paying the necessary expenses of managing the same, shall be applied for the suppose of erecting the aforesaid building.

The act establishing the College and transferring to it the property of the Free School, was passed June 22, 1793.

Be it enacted by the Senate and House of Representatives, in General Court assembled, and by the authority of the same, that there be erected and established, in the town of Williamstown, in the County of Berkshire, a college, for the purpose of educating youth, to be called and known by the name of Williams College, to be under the government and regulation of a body politic and corporate as hereafter in this act is provided.

* * * * *

And be it further enacted by the authority aforesaid, that the clear rents, issues, and profits of all the estate, real and personal, of which the said corporation shall be seized or possessed, shall be appropriated

to the endowment of said College in such a manner as shall most effectually promote virtue and piety and the knowledge of such of the languages, and of the liberal arts and sciences as shall hereafter be directed from time to time by the said corporation.

* * * * *

And be it further enacted by the authority aforesaid, that all the property, real and personal, belonging to the trustees of Williamstown Free School, be, and the same hereby is vested in the corporation, which by this act is created.

And be it further enacted by the authority aforesaid, that there be, and hereby is granted to the trustees of Williams College, for the use, benefit and purpose of supporting said college, twelve hundred pounds, to be paid out of the treasury of this Commonwealth; three hundred pounds of the same to be paid the first day of September, one thousand seven hundred ninety-three, and three hundred pounds annually, on the first day of September, for the three succeeding years.

February 26, 1796, an additional act was passed as follows :

WHEREAS, doubts have arisen, whether the rights and credits which, previous to passing the act aforesaid, were vested in and belonging to the trustees of the donation of EPHRAIM WILLIAMS, Esquire, for maintaining a Free School in WILLIAMSTOWN, are by virtue of the same act transferred to and vested in the Corporation of the PRESIDENT AND TRUSTEES OF WILLIAMS COLLEGE;

Be it therefore enacted by the Senate and House of Representatives, in General Court assembled, and by the authority of the same, that the said rights and credits be and hereby are transferred to and vested in the said Corporation of the PRESIDENT AND TRUSTEES OF WILLIAMS COLLEGE, who are hereby authorized to commence and prosecute to final judgment and execution, any suit or action in law or equity, which the said Trustees of the donation of EPHRAIM WILLIAMS, Esquire, for maintaining a Free School in WILLIAMSTOWN, might heretofore have commenced or prosecuted.

In 1805 the State gave to the College a township of land in Maine, six miles square, and four years later another grant of the same character was made. The sum of \$9,500 was realized from the sale of these lands.

The College received in 1816 a grant of three-sixteenths of the Massachusetts Bank Tax for ten years. From this source about \$30,000 were secured. In 1859 the State gave

the College a moiety of the money accruing from the sale of Back Bay lands, which amounted to \$25,000. The last grant of the State was made in 1868 when the legislature passed an act to the effect "that there be allowed and paid from the treasury of the Commonwealth to the * * * President and Trustees of Williams College, the sum of seventy-five thousand dollars."

The corporate name of the College is The President and Trustees of Williams College.

TERMS OF ADMISSION

Each student who offers himself for admission must present a testimonial of good character from the teacher under whom he was prepared for college.

Candidates for admission to the Freshman Class are examined in the following subjects :

GEOGRAPHY.—Ancient and Modern.

HISTORY.—Greek to the death of Alexander, and Roman to the reign of Augustus. Smith's *Smaller History of Greece*, or Oman's *History of Greece*, and Leighton's *History of Rome* are recommended.

MATHEMATICS.—Arithmetic, including the metric system. Algebra, through quadratic equations, including radical quantities. Plane Geometry.

ENGLISH.—Each candidate will be required to write a short English composition upon a subject announced at the time of the examination. Subjects will be selected from the following works :

1893.—Shakspeare's *Julius Cæsar* and *Twelfth Night*, Scott's *Marmion*, Longfellow's *Courtship of Miles Standish*, Addison's *Sir Roger de Coverley Papers*, Macaulay's second *Essay on the Earl of Chatham*, Emerson's *American Scholar*, Irving's *Sketch Book*, Scott's *Ivanhoe*, Dickens's *David Copperfield*.

1894.—Shakspeare's *Julius Cæsar* and *Merchant of Venice*, Scott's *Lady of the Lake*, Arnold's *Sohrab and Rustum*, Addison's *Sir Roger de Coverley Papers*, Macaulay's second *Essay on the Earl of Chatham*, Emerson's *American Scholar*, Irving's *Sketch Book*, Scott's *Abbott*, Dickens's *David Copperfield*.

1895.—Shakspeare's *Merchant of Venice* and *Twelfth Night*, Milton's *L'Allegro*, *Il Penseroso*, *Comus*, and *Lycidas*, Longfellow's *Evangeline*, Addison's *Sir Roger de Coverley Papers*, Macaulay's *Essay on Milton*, and *Essay on Addison*, Webster's first *Bunker Hill Oration*, Irving's *Sketch Book*, Scott's *Abbott*.

1896.—Shakespeare's *Merchant of Venice* and *Midsummer Night's Dream*, Milton's *L'Allegro*, *Il Penseroso*, *Comus* and *Lycidas*, Longfellow's *Evangeline*, Macaulay's *Essay on Milton*, Webster's first *Bunker Hill Oration*, De Foe's *History of the Plague in London*, Irving's *Tales of a Traveller*, Scott's *Woodstock*, George Eliot's *Silas Marner*.

The candidates are expected to read all the books assigned for the year in which they offer themselves for examination. They will also be required to criticise specimens of incorrect English given at the same time.

LATIN.—Grammar, Allen and Greenough's or Harkness's; translation of simple sentences into Latin prose; Cæsar, four books; Cicero, seven orations; Virgil, the *Bucolics* and six books of the *Aeneid*; translation at sight of passages from easy Latin prose. Equivalent from other authors will be accepted in part. Candidates are expected to pronounce Latin according to the Roman method as set forth in Allen and Greenough's *Latin Grammar* § 16, or Harkness's §§ 5, 6 and 7. Harper's *Latin Dictionary* is recommended.

GREEK.—Hadley and Allen's or Goodwin's *Grammar*; translation of simple English sentences into Greek; Xenophon, four books of the *Anabasis*; Homer, two books of the *Iliad*; translation at sight of passages from easy Greek prose. One hundred and twelve pages of Goodwin's *Greek Reader* will be accepted as an equivalent for four books of the *Anabasis*. Candidates are expected to pronounce Greek according to the written accents, and in conformity with §§ 11, 14, 19, 20 and 21 of Hadley and Allen, or according to Goodwin's preface and § 28 of his revised edition. Jones's *Greek Prose Composition*, or Woodruff's, or pages 105–121 of Allinson's are recommended. The seventh unabridged edition or the intermediate (but not the abridged) edition of Liddel & Scott's *Greek Lexicon* is also recommended. In order to help pupils to form a correct style, teachers are requested to insist upon the use of simple and idiomatic English in translating Latin and Greek.

SCIENCE.—Candidates may at their option anticipate any prescribed scientific course of the college in Astronomy, Biology, Chemistry, or Physics, and substitute in its place laboratory or other advanced work. Special examinations will be held for this purpose.

Candidates for admission to an advanced standing must be examined in the studies that have been pursued by the classes which they wish to enter, or in others equivalent.

Students who come from other colleges and bring certificates of dismission, may, upon proof of their qualifications, be admitted to a corresponding standing in this college.

CERTIFICATES

Principals of schools who wish their pupils to be admitted without examination, should furnish the Secretary of the Faculty with their courses of study, and with such credentials in regard to their experience and success in preparing boys for college, as will enable the Faculty to act intelligently.

The right to send students by certificate is conferred by vote of the Faculty, upon schools which ask for it and are considered worthy of it. It is not given to private tutors, and is revocable at any time when it becomes clear that the school is not properly exercising it.

Certificates must be made out on blanks furnished by the Secretary of the Faculty and in accordance with the printed instructions contained therein. They must be signed by the principal of the school and sent before Commencement, if possible, to the Secretary of the Faculty. They must state explicitly the work done by the candidates in each subject and the time devoted to it. If there is any considerable deficit in the work offered as compared with the requirements for admission, examination upon the subjects involved will be required. For slight deficiencies conditions may be imposed.

When the time spent on any subject has been inadequate (for instance, less than three years of thirty-six weeks each upon Latin and less than two years upon Greek), the certificate will not be accepted for the subject in which the deficiency occurs, though it will remain valid for other subjects. No certificate will be accepted in place of an optional examination, for admission, in science, or in any part of the work done by a class after admission. No certificate will be accepted for a student who has failed of

admission to this or any other college by examination unless he has subsequently spent at least a year of study in the school which issues the certificate.

The school which presents a student for admission by certificate thereby assumes the full responsibility for his proper preparation, and therefore in any doubtful case the master should decline to imperil the standing and good name of his institution by issuing it.

PARTIAL COURSE

Students may be admitted to pursue a partial course, provided they have studied some foreign language, ancient or modern, for three years, and are qualified to pass the examinations in them and in the Geography, History, English and Mathematics required for admission to the Freshman class. In place of Ancient History, Scudder's U. S. History and Edith Thompson's History of England, or equivalents, may be offered.

The admission of partial course students is supervised by a committee consisting of the President, the Secretary and two members of the Faculty. Each applicant is required to state in writing his purpose in entering college, what preparatory course of study he has taken, whether he has been rejected at any previous entrance examination, how long he intends to remain, and what studies he wishes to pursue. He must also present a certificate of good character from the school which he last attended, unless he comes from another college, in which case he must bring a letter of honorable dismissal.

The applicant shall then be examined in all the subjects required for admission, provided he does not bring a certificate covering them from some school authorized by the Faculty to send students by certificate. But no student will be admitted, unless he can enter classes which will give him at least twelve hours class-room work a week, counting elective studies as three hours each, and this minimum must be maintained so long as he remains in

college. If, however, all his studies are taken from the list of Freshman work, eleven hours a week will be accepted.

Every partial-course student who comes directly from a preparatory school, must take at least seven hours of work a week with the Freshman class, unless he pass off in advance a full year's work in one or more of the Freshman studies, in which case he may take a corresponding number of hours with an advanced class. A failure in any Freshman study shall end his connection with the college.

On entering, a partial-course student shall take no more than three hours of work a week from the studies of Junior year, and none of the studies of Senior year, unless he has passed off all the work preparatory to them. He must continue each study chosen through the college year, unless the instruction in the subject end at an earlier date. If he is conditioned in any subject, he shall be excluded from the instruction in it, unless he make up the condition at the appointed time, and in case he is so excluded and his hours of weekly instruction thereby fall below twelve, he shall be required to withdraw from college.

A partial-course student may be dismissed at any time, if the Faculty are convinced that he is not qualified to do the work of his classes, or is not properly availing himself of his opportunities.

Questions relating to the application of these rules, and to cases not covered by them, will be specially considered by the partial-course committee.

PRELIMINARY EXAMINATIONS

Students may be examined in a part of the subjects requisite for admission a year before they expect to enter. To prevent interruption in the study of subjects which are to be continued in the college course, teachers are requested not to allow their pupils to offer the following subjects at the preliminary examinations; Virgil, Latin Prose Composition, Homer, Greek Prose Composition, Geometry and

English. The subjects required for admission must each be offered as a whole at the preliminary examination. For example, Cicero, Xenophon, or Algebra cannot be divided between the preliminary and final examination.

No credit will be given for the preliminary examination, unless the applicant pass in a substantial part of the subjects offered, and the preliminary certificate, when given, will be valid for one year only, unless the examination has been passed in a specially creditable manner.

The examinations for admission, in 1893, will take place at No. 4 Hopkins Hall, on the Monday and Tuesday next preceding Commencement, and the Tuesday and Wednesday next preceding the opening of the college year in September, as follows:—

FIRST DAY

11 A. M.—Registration.

Modern and Ancient Geography.

Greek and Roman History.

2 P. M.—Greek.

SECOND DAY

9 A. M.—Latin.

2 P. M.—English.

3½ P. M.—Mathematics.

COURSES OF INSTRUCTION

All the studies of Freshman year and of the first term of Sophomore year are required. For the second and third terms, Sophomores may elect either Latin, Greek or Mathematics. In Junior year and the first term of Senior year, there are ten hours of required work a week and six hours of elective. Four hours of the Junior required work must be either French or German. During the second and third terms of Senior year, the required work is reduced to six hours, while the elective is increased to ten.

DEPARTMENT OF LANGUAGE AND LITERATURE

GREEK

Professor FERNALD, Assistant Professor ALLINSON and Mr. FERRY.

1. *Herodotus*.—Portions of his histories as found in Fernald's Selections. While the principal object of this course is to acquire familiarity with the style and matter of Herodotus, the work is interspersed with oral and written exercises in review of the grammatical forms and with reading at sight. Freshman required course. Four hours a week during the first term.
Professor FERNALD.

2. *Homer*.—Several books of the Odyssey will be read and some of the principal Homeric questions will be discussed in lectures. Freshman required course. Three hours a week during the second term.
Professor FERNALD.

3a. *Lysias*.—Special attention will be given to the political and social allusions which abound in the orations of Lysias. There will also be lectures, illustrated with photographs and other material, upon Greek Architecture and Antiquities. Freshman required course. Two hours a week during the third term.
Professor FERNALD.

3b. *Greek Prose Composition*.—Required of Freshman. One hour a week during the third term.
Mr. FERRY.

4. *Plato and Aeschylus*.—The Apology and Crito of Plato and the Prometheus of Aeschylus. A course of lectures will be given on Greek philosophy from Thales to Aristotle. Sophomore required course. Three hours a week during the first term.

Assistant Professor ALLINSON.

5. *Sophocles, Euripides and Aristophanes*.—Oedipus Tyrannus, Iphigeneia among the Taurians and the Frogs. Elective course for Sophomores. Two hours a week during the second and third terms.

Assistant Professor ALLINSON.

6a. *Plato and Lucian*.—The Republic of Plato: Portions of books I, II, III, VII, IX and the whole of book X.

In addition, one exercise each week will be devoted to the study of the philosophical dialogues of Lucian. Among these the Hermotimus will be examined. Each member of the class will also make a special study of some one or more of Lucian's writings and will, in succession, take the leading part of the discussion for the day. These dialogues will be: *Vitarum Auctio*; *Piscator*; *Cataplus*; *Nigrinus*; *Icaromenipus*; *De Peregrini Morte*; *Jupiter Confutatus*; *Symposium*; *Charon*; etc.

Each member of the class will also be encouraged to take up some special line of work in all these writings, such as the transition from Classic Greek to the *κοινή*; reminiscences of Classic authors; the customs and manners of Greek and Roman life. Elective course for Seniors and Juniors. Three hours a week during the first term.

Assistant Professor ALLINSON.

6b. *Aristotle*.—The Constitution of Athens. The reading of the text will be supplemented by references to the histories, the dictionary of antiquities and other standard works, the aim being to gain a clear idea of the development of political usages at Athens. Elective course for Seniors and Juniors. Three hours a week during the second term.

Professor FERNALD.

6c. *Pausanias*.—Selections which serve as a basis for archæological and topographical study—particularly of Athens and Olympia. Elective course for Seniors and Juniors. Three times a week during the third term.

Assistant Professor ALLINSON.

LATIN

Assistant Professors WILD and ALLINSON and Mr. FERRY.

1. *Livy*.—Books XX and XXII. Special attention will be given to the history of the times and to reading at sight. Freshman required course. Three hours a week during the first term.

Assistant Professor WILD.

2a. *Horace*.—Odes. Freshman required course. Three hours a week during the second term.

Assistant Professor ALLINSON.

2b. *Latin Prose Composition*.—Exercises. Freshman required course. One hour a week during the second term.

Assistant Professor WILD.

3. *Tacitus*.—Agricola and Germania with rapid and sight reading of portions of the Annals and Histories. Freshman required course. Four hours a week during the third term.

Assistant Professor WILD.

4. *Horace*.—Satires and Epistles. Lectures on the life and times of Horace. Sophomore required course. Three hours a week during the first term.

Mr. FERRY.

5. *Cicero*.—Letters, with attention to Cicero's life and his relation to the times. Each member of the class will be required to edit one or more of his epistles. Sophomore elective courses. Two hours a week during the second and third terms.

Assistant Professor WILD.

6a. *Catullus and Pliny's Letters*.—Original work upon the literature of the period of Caligula, Claudius and Nero. Private life and customs of the Romans. Junior and Senior elective course. Three exercises a week during the first and second terms.

Assistant Professor WILD.

6b. *Cicero*.—De Signis. Special attention will be paid to archæological questions, sculpture, painting and architecture. Elective course for Seniors and Juniors. Three exercises a week during the third term.

Assistant Professor ALLINSON.

ENGLISH

Professors SPRING and PERRY.

1. *Rhetoric*.—In this course Genung's Practical Rhetoric is studied as a text-book, but the hour is mainly devoted to written exercises on composition, beginning with training in the accurate observation and description of natural objects, and passing later to the construction of essay and oratorical outlines. Freshman required course. One hour a week during the second and third terms.

Professor PERRY.

2. *Early English*.—This course will embrace the development of the English language and literature from the Saxon Conquest to the end of the fourteenth century. The text-books will be Bright's Anglo-Saxon Reader and Skeat's Chaucer's Prologue, with constant reference to the publications of the Early English Text Society. Elective course for Juniors. Three hours a week during the first term.

Professor PERRY.

3. *Literature of the Nineteenth Century*.—Critical study of poetry and fiction as forms of literary expression. The writers principally studied will be Tennyson and Thackeray. Elective course for Juniors. Three hours a week during the second and third terms. Professor PERRY.

4. *Literature of the Age of Elizabeth*.—Selections from Marlowe, Shakspeare, Spenser, Bacon and Milton will be discussed in the class-room. A course of outside reading will be assigned from Peele, Jonson, Browne and others. Elective course for Seniors. Three hours a week during the year. Professor SPRING.

5. *Outlines of the Development of English Literature*.—This course consists partly of lectures and partly of text-book work. It is the purpose of it to investigate in a general way the rise and progress of English literature. Senior required course. Two hours a week during the second term and three hours during the third. Professor SPRING.

6. *Essays and Orations*.—During Sophomore year one oration and one essay are submitted for individual criticism; during Junior year two essays and one oration; during Senior year two essays.

Professors SPRING and PERRY.

7. *Elocution*.—The work of the Freshman year consists of individual drill in declamation, both in private and before small divisions of the class. Six of these rehearsals are required from each student, and competitors for the declamation prizes are given as many additional rehearsals as they desire.

The required work in the Sophomore year consists of training in the delivery of orations, during the first term. This work may, at the option of the student, be continued through the second term, and is required of competitors for the oratorical prizes.

In the Junior and Senior years the delivery of orations is optional, except for those who wish to compete for prizes or to be considered eligible for appointment as speakers upon the Commencement stage.

Opportunity for systematic work in voice development and gesture is afforded to members of all classes through concerted exercises given four times a week during the second term. In connection with these exercises, individual instruction is given to students desiring special work, either in voice-building or expression, as a preparation for public speaking.

Professor PERRY.

FRENCH

Assistant Professors KENDALL, LOGIE and WAHL.

1. *French*.—Whitney's French Grammar, Part I. Freshman required course. Three hours a week during the first term.

Assistant Professor LOGIE.

2. *French*.—Whitney's French Grammar, Part I. About, *Le Roi des Montagnes*. Freshman required course. Three hours a week during the second and third terms. Assistant Professor KENDALL.

3. *French*.—Whitney's French Grammar, Part II. Written exercises in translating from English into French. Selections from French lyrics and the works of Corneille, Racine and Molière. Collateral reading from French history and literature of the nineteenth century. Reading at sight. Lectures on French literature. Junior elective course. Four hours a week during the year. Assistant Professor WAHL.

4. *French*.—Molière and Victor Hugo. Private readings from these authors; lectures on Molière, Hugo and the literature contemporary with them. French prose composition, Heath's series. Senior elective course. Three hours a week during the year.

Assistant Professor LOGIE.

GERMAN

Assistant Professors KENDALL AND WAHL.

1. *German*.—Whitney's Grammar. Written exercises in translation from English into German. Reading of modern prose and of German lyrics. Memorizing of proverbs and short poems. Reading at sight. Lectures on modern German history and literature, and on contemporary German life. Sophomore required course. Three hours a week during the year. Assistant Professor WAHL.

2. *German*.—Bernhardt's *Novelletten Bibliothek*, Vol. I.; Eichendorff, *Taugenichts*; Schiller, *Wallenstein*; Goethe, *Dichtung und Wahrheit* (Selections), *Hermann und Dorothea*. Oral practice based on selections from these authors. Composition. Grammar. Junior elective course. Four hours a week during the year.

Assistant Professor KENDALL.

3. *German*.—Goethe, *Faust*; the first part entire with selections from the second part. In private, *Götz von Berlichingen*, *Egmont*, *Iphigenie auf Tauris*. Kluge's *National Litteratur*, with reading of selections to illustrate the principal epochs of the literature. Composition, both original and translation from English into German. Lectures on the history of the language. Elective course for Seniors. Three hours a week during the year. Assistant Professor KENDALL.

SPANISH

Assistant Professor LOGIE.

Manning's Spanish Grammar; Castelar's *La Hermana de la Caridad*; Cervantes' *Don Quixote*. Senior elective course. Four hours a week during the second and third terms.

ITALIAN

Assistant Professor LOGIE.

Smith's Italian Principia; De Amicis, *Il Cuore*; Dante's *Divina Commedia*; lectures on Dante and the period of Italian Literature which preceded him. Elective course for Seniors and Juniors. Three hours a week during the year.

DEPARTMENT OF BIBLICAL STUDY

Dr. BARTLETT and Mr. BURR.

1. *Christian Evidences*.—Fisher's Manual. Freshman required course.
Mr. BURR.

2. *Introduction to the New Testament*.—One of the Gospels is selected as the basis of the study, the Greek text used being Dr. Riddle's revision of Robinson's *Harmony of the Gospels in Greek*, and the Cambridge Greek Testament. The critical work includes an examination of the text, with its variation in manuscripts, versions, and patristic quotations. Each section of the Gospel is studied in its relation to other accounts, and with reference to its chronological order. The more practical investigation of the subject is conducted on the line indicated in Dr. Harper's *Inductive Bible Studies*. Senior elective course. Four hours a week during the second and third terms. Mr. BURR.

3. *Hebrew*.—The underlying facts of the language, as disclosed by the first part of Genesis are made the basis of grammatical instruction. More systematic study of the Grammar is required later on. Passages from different authors, to illustrate Hebrew idioms and modes of thought, are frequently presented. New words, as they are learned, and other words of frequent occurrence, are used in written and oral exercises in rendering English into Hebrew, and Hebrew into English. Enlargement of the students' vocabulary is thus gained as well as increased familiarity with grammatical forms. Senior elective course. Three hours a week during the year.

An additional hour each week will be afforded for voluntary work and in sight reading in Joshua, Ruth and Esther.

Dr. BARTLETT.

DEPARTMENT OF PHILOSOPHY, HISTORY, POLITICAL AND SOCIAL SCIENCE

PHILOSOPHY

President CARTER and Professor RUSSELL.

1. *Natural Theology*.—Flint's Theism. Senior required course. Three hours a week during the first term. President CARTER.

2. *Psychology*.—This study is designed to be a preparation for advanced courses in Psychology and Philosophy, which follow in the Senior year. Mind is studied in its connection with the nervous system and its functions, and nothing more is attempted than to gain a general view of mental phenomena and their development. Junior required course. Three hours a week during the second term.

Professor RUSSELL.

3. *Logic*.—The aim of this course is practical rather than theoretical; and the instruction is given mainly in connection with such exercises as are adapted to afford the student a comprehension of logical principles and to enable him to apply them to the various forms of reasoning and investigation. Junior required course. Three hours a week during the third term.

Professor RUSSELL.

4. *Introduction to Philosophy*.—Some of the more important problems which constitute the subject matter of Philosophy are considered. Special prominence is given to the questions relating to knowledge, the external world, the soul and God. The subjects are treated in the form of lectures and by the use of appropriate authorities recommended to the students. Senior required course. Three hours a week during the first term.

Professor RUSSELL.

5. *Advanced Psychology*.—The instruction is devoted to the consideration of Physiological Psychology and to special topics in Psychology. The following are the topics proposed for the present year: Consciousness and Attention, Time and Space-perception, Memory, Will, Dreams, Hallucinations, Hypnotism and allied Phenomena. Senior elective course. Three hours a week during the year.

Professor RUSSELL.

6. *History of Philosophy*.—There are two subcourses in this study, to be taken consecutively; in the first of these the students will consider in outline the History of Philosophy, both Ancient and Modern; in the second course they will trace the development of Modern Philosophy

from Descartes to Kant. The instruction will be given by the aid of text-books, supplemented by lectures. Senior elective course. Four hours a week during the second and third terms.

Professor RUSSELL.

7. *Ethics*.—Ethics is treated from the standpoint of Philosophy. The nature and grounds of obligation are investigated. The different systems of Ethics are discussed in lectures and studied in the works of their chief representatives. Senior required course. Two hours a week during the second term.

Professor RUSSELL.

HISTORY

Professor RICE.

1. *General History*.—In this course a general outline of English History is given, supplemented by lectures upon European History and Geography, designed to illustrate the main subject. Sophomore required course. Three hours a week during the second and third terms.

2. *American History*.—The instruction in this course is devoted to the periods of discovery and colonization down to 1765, and follows course 1. Junior required course. Three hours a week during the first term.

3. *European History*.—During the first half of the year, the study of European institutions from the Roman period to that of the Crusades is taken up. In the second half, some modern period is investigated. Junior and Senior elective course. Three hours a week during the year.

4. *American History*.—An investigation in detail of periods subsequent to 1765. Senior elective course. Four hours a week during the third term.

The aim of the two elective courses is to acquaint the student with the methods of historical study, as applied to the politics and institutions of Europe and the United States. Lectures, text-books, examinations, oral and written reports upon assigned topics are made use of to secure this end.

POLITICAL AND SOCIAL SCIENCE

Professor BASCOM.

1. *Political Science*.—The following sub-courses, which will be given consecutively are included in this course:

- (a.) The Principles of Jurisprudence. Lectures.
 - (b.) The Constitution of the United States. Andrews' Manual.
 - (c.) The Historical Development of the Constitution to the present time. Lectures.
 - (d.) English Constitutional History. Lectures.
 - (e.) Municipal and International Law. Lectures.
- Senior elective course. Three hours a week during the year.

2. *Political Economy*.—Political economy is first studied as an abstract science, treating of certain specified relations. It is then taken in connection with sociology, as modified by the circumstances under which its principles are applied. Text-book and Lectures. Junior required course. Three hours a week during the second and third term.

3. *Sociology*.—The aim of this course is to give Economics, Ethics and Civics, their true and immediate bearing on our social life. Lectures. Senior required course. Two hours a week during the second term and three hours a week during the third term.

DEPARTMENT OF MATHEMATICS AND SCIENCE

MATHEMATICS AND ASTRONOMY

Professors DODD and SAFFORD, Mr. FERRY and Mr. ELDER.

1. *Algebra*.—Logarithms. Theory of Equations. Freshman required course. Four hours a week during the first term. Professor DODD.

2. *Geometry*—solid and spherical. *Conic Sections*.—Loomis. Freshman required course. Five hours a week during the second term.
Mr. FERRY.

3a. *Trigonometry and its applications*.—Mensuration. Surveying and Navigation. Freshman required course. Four hours a week during the third term. Professor DODD.

3b. *Field Work in Surveying*.—In connection with course 3, each student will receive instruction in the practical use of surveying instruments, including determination of heights, simple triangulation and the measurement of areas and levelling. Mr. FERRY and Mr. ELDER.

4. *Plane Analytic Geometry*.—The course includes the study of the straight line, the circle, the parabola, the ellipse and the hyperbola, as given in Wentworth's Analytic Geometry, omitting the supplementary propositions. Sophomore required course. Three hours a week during the first term. Mr. ELDER.

5. *Elementary, Differential and Integral Calculus.*—The Method of Limits will be employed. Elective course for Sophomores. Two hours a week during the second and third terms. Professor SAFFORD.

6. *Elementary Astronomy.*—Lectures on the history of the science and upon its modern developments. Mathematical Geography. Loomis's Elements of Astronomy. Junior required course. Three hours a week during the first term. Professor SAFFORD.

7. *Advanced Differential and Integral Calculus.*—The Method of Limits. Taylor's Calculus and Rice and Johnson's treatise are used for the examples. Occasional lectures are given on collateral subjects and on the theory of the Calculus. Junior elective course. Three times a week through the year. Professor SAFFORD.

8. *Integral Calculus.*—Johnson, with geometrical and numerical applications. Senior elective course. Three hours a week during the year. Professor SAFFORD.

9. *Exercises in Practical Astronomy.*—The instruments employed, besides time-pieces, are the sextant, transit instrument, universal instrument, and equatorial. The object of the course is to give a more practical knowledge of the subject, and some facility in handling instruments and the formulæ of computation. Senior elective course. Three hours a week during the year. Professor SAFFORD.

10. *Mathematics.*—At the option of the student, this course will consist, either of a review of elementary subjects in preparation for teaching, or of the reading of Gauss's *Theoria Motus Corporum Cœlestium*. In the former case, lectures on the development of the science will be given, together with instruction in the theory of teaching it. Collateral reading will be required, to familiarize students with the literature of elementary mathematics not included in the ordinary text-books. Especial stress will be laid on the Modern Geometry. Senior elective course. Four hours a week during the second and third terms. Professor SAFFORD.

11. *Astronomy.*—A course of instruction in Practical Astronomy is offered to graduates or persons qualified to pursue it. It will include the following subjects: Theory and Use of Instruments; the Art of Computation; the Method of Least Squares; Reduction; Criticism and Discussion of Observations; Computation of the Orbits of Comets and Planets, and for those sufficiently advanced, Special and General Perturbations. Students who wish to pursue Geodesy instead of Astronomy proper, can substitute triangulation and the Figure of the Earth for certain portions of Astronomy. Mathemat-

ical subjects not included in the college course, will be taken up so far as is necessary. Every encouragement will be given to qualified persons to carry on independent research in these branches. Direction will also be given to the studies of students who wish to prepare themselves to become teachers of Mathematics in the lines indicated by Professor Safford in his monograph "Mathematical Teaching and its Modern Methods."

The astronomical department of the college possesses two observatories for illustration and scientific investigation. The older was built by Professor Albert Hopkins in 1838, and contains an equatorial by Phelps of Troy, with an object glass by Alvan Clark, Senior, which has an aperture of $7\frac{1}{2}$ inches. This instrument was constructed about 1852 and is interesting as an early example of Clark's optical work. It is employed for gazing purposes and the observation of occasional phenomena. The other rooms of the Hopkins Observatory contain a transit instrument by Troughton and Grimes, with an aperture of $3\frac{1}{4}$ inches; this is now but little used, as it is replaced by more modern apparatus.

In another part of the town a piece of ground, comprising five acres and a half, was purchased in 1881, for astronomical purposes. At present this enclosure contains the Field Memorial Observatory, an iron meridian house, built at the expense of the Hon. David Dudley Field, together with a hut for the accommodation of portable instruments. The main instrument of this Observatory is a fine meridian circle by the Repsolds of Hamburg, with $4\frac{8}{10}$ inches aperture and a circle divided to $2'$ of arc, reading by four microscopes to single seconds directly. The meridian circle is provided with the necessary clock, chronograph, and collimators. In addition, the department of astronomy is provided with a large number of portable instruments, among which are two telescopes for gazing purposes and a portable transit with Zenith telescope attachment, as well as an astronomical theodolite. There are also several instruments of reflection, including a sextant of the best kind and several practical sailors' octants, with chronometers and artificial horizons and other small pieces of apparatus.

CHEMISTRY

Professor MEARS.

The department of chemistry occupies the Thompson Chemical Laboratory, a building devoted solely to chemical work. It contains three large laboratories, lecture and recitation rooms, private laboratories and a reference library, all supplied with the best modern appliances. The work is divided into the following courses:

1. General Chemistry.—This course aims to teach the principles of the science in connection with the study of the non-metallic elements. It is also preliminary to the elective courses. Instruction is given by lectures and recitations, supplemented by work in the laboratory, to which one-third of the time is devoted. A fee of three dollars is required of each student to defray the cost of chemicals. Sophomore required course. Five times a week during the third term.

2. Chemistry.—While instruction in the metallic elements and their compounds, is given by lectures and examinations, this course is chiefly devoted to practical work in the laboratory. Two hundred analyses of the more important metallic and mineral substances are required of each student with examinations on the processes involved. The third term is occupied with lectures and examinations on the compounds of carbon. A fee of fifteen dollars is charged. Junior elective course. Three exercises (nine hours) a week during the year.

3. Chemistry.—In this course the work is devoted principally to quantitative analysis, preparation of chemical substances and a study of chemical theories. The analytical work embraces the estimation and separation of the more important metals and acids, and the analysis of water, milk etc., and for those desiring it, work in medical chemistry. The lectures on theoretical chemistry discuss the history of the atomic and molecular weights, and modern theories of the science. A fee of twenty-five dollars is charged. Elective course for students who have taken courses 1 and 2. Three exercises a week during the year.

The above courses are also open to graduates and advantages are offered for advanced work in all branches of the science.

PHYSICS

Professor LEFAVOUR and Mr. ELDER.

1. General Physics.—The instruction is carried on by means of lectures with experimental demonstrations, and of oral and written recitations. Barker's Physics is used as a text-book. The first term is devoted to Kinematics, Dynamics and Sound, the second to Heat and Light, and the third to Electricity. The purpose of the course is to state and explain the general principles of the science, to find their application in the experiences and phenomena of daily life and incidentally to serve as an introduction to the scientific method of thought and research. A knowledge of elementary mathematics including Plane Trigonometry is essential. Sophomore required course. Three hours a week during the year.

Professor LEFAVOUR.

2. *Elementary Practical Physics*.—The course consists of a series of physical measurements in the laboratory together with lectures on the methods and principles involved. The first term is devoted to the study of general physical processes such as measurements of length, area, volume and mass, and determinations of the constants of elasticity, capillarity, tenacity and gravity. The remainder of the year is devoted to measurements in sound, heat, light and electricity. The manuals of Stewart and Gee and of Glazebrook and Shaw are used. In addition to giving the student a familiarity with the principles and methods of physical measurements, particular attention is paid to the training of the senses to accuracy in observation and manipulation. A fee of ten dollars is required. Elective course for Juniors and Seniors, and special students who have taken course 1. Three times (six hours) a week during the year. Professor LEFAVOUR and Mr. ELDER.

3. *Advanced Physics*.—Three advanced courses in Physics are offered during the current year—each consisting of three exercises a week, the exercises being of two hours each when there is laboratory work, otherwise of one hour each.

(a) *Electricity*.—In this course the first term will be devoted to laboratory work in electromagnetism, to be followed by lectures on electrodynamics, on the construction and efficiency of dynamos and motors, on the distribution of currents and on their application to lighting, and on the estimate of cost of electrical installations, thus giving to the students an acquaintance with the principles of electrical engineering. A fee of five dollars will be charged, and it is open to those who have taken course 2.

(b) *Advanced Practical Physics*.—Students selecting this course, which is open to those who have taken course 2, will take up the laboratory work in electro-magnetism as in course (c), and then will undertake under the direction of the professor the investigation of some physical problem. A fee of ten dollars will be required.

(c) *Applied Mechanics*.—This course is designed for students wishing to enter a technical school in advanced standing, and is offered only to those who have a knowledge of the Calculus. The subject of general Physics is first reviewed by a careful though rapid reading of Anthony and Brackett's Physics, and this is followed by a study of Mechanism as given in Cotterill and Slade's Applied Mechanics. By suitably arranging their courses of study, students are enabled to enter the final year of a technical school. Three exercises a week through the year.

Professor LEFAVOUR.

The Thompson Physical Laboratory which has been planned with especial reference to facilities for carrying on these courses will be ready for occupancy at the beginning of the next academic year.

BIOLOGY

Professor CLARKE and Mr. PECK.

1. *Biology*.—An introductory study consisting of lectures supplemented by lessons from Sedgwick and Wilson's "Biology," and by laboratory practice. The purpose is to set forth the relations of living and non-living matter; the structure of living matter; and the relation of animals to plants. The structure and life history of a fern and of a flowering plant are described and illustrated; and an invertebrate and a vertebrate are similarly studied. The course is concluded with lectures on Variation, Over-production, the Struggle for Existence and Natural Selection. Sophomore required course. Five hours a week during the second term. Professor CLARKE.

2. *Biology*.—This course is based on course 1, and on the required Chemistry and Physics. The work is the comparative Anatomy and Histology of the Vertebrates, from fish to mammal inclusive: the types examined being fresh specimens of an Elasmobranch, the Skate, a Telcost, the Cod, the Frog and the Tadpole, the Alligator, the Pigeon and the Rabbit. It is completed with a study of the structure and significance of the quasi Vertebrates, the Amphioxus, the Tunicata and Balanoglossus. In connection with these latter forms, the question of the ancestry of the vertebrate group is introduced. The exercises consist of lectures and laboratory-practice. Junior elective course. Three times (six hours) a week during the year. Professor CLARKE.

3. *Biology*.—Work with the Microscope is continued in this course. Instruction is given in the use of the camera-lucida, the accurate measurement of microscopic objects, and the most important methods of preserving, cutting, staining and mounting specimens and sections. There is also a course of instruction in the invertebrates with laboratory study. Another portion of the year is devoted to a study of representatives of the different groups of cryptogamic plants, with especial attention to bacteria, and their relation to health and disease. A course of six weeks with laboratory practice is offered in the embryology of the chick. Where it is practicable an opportunity will be given to those who are to become teachers of Biology to carry on original investigations in conjunction with the Professor. Senior elective course. Three times (six hours) a week during the year.

Professor CLARKE and Mr. PECK.

The facilities for work in Biology will be greatly increased the coming year on the completion of the new Thompson Biological Laboratory. This is a large building of four stories, about eighty by seventy-five feet,

and contains a laboratory for each course of work, a lecture-room, library, collection room, aquarium room, etc. The present laboratory is well equipped with microscopes, microtomes, collections, and all the appliances for general and advanced work. A small departmental library is maintained, consisting chiefly of home and foreign journals in various branches of Biology. These are for the use of the members of the elective and of the "Lyceum of Natural History." The latter is a student organization founded in 1835. It holds meetings fortnightly when reports and abstracts from the current biological literature are read and discussed. This secures a valuable training in the bibliography of science; an acquaintance with the problems and discoveries of the day in Biology, as well as some experience in the public presentation of original matter. Jackson Hall was erected by the late Nathan Jackson for the use of the Lyceum. It contains many artificial and natural objects sent to the college by its missionary graduates together with the collections of the scientific expeditions which the department, through the liberality of the late Dr. William J. Walker, is able to undertake every fourth year. The college has the privilege of sending, each summer, one student to the large and finely equipped laboratory of the United States Fish Commission at Wood's Holl, Massachusetts, and one to the Marine Biological Laboratory at the same place.

HYGIENE, ANATOMY AND PHYSIOLOGY

Professor WOODBRIDGE.

1. *Hygiene*.—A series of lectures for Freshmen dealing with matters pertaining to health and habits of study. Each member of the class is subjected to an examination of heart, lungs and eyes for the purpose of giving him any personal suggestions that may seem advisable. One hour a week during the first term.

2. *Anatomy and Physiology*.—Anatomy is studied only so far as it may be necessary to an intelligent discussion of Physiology. An effort is made to exhibit not only the results but also the methods of physiological research. Special attention is given to the nervous system with reference to its relations to psychological processes and problems. Lectures. Kirke's Physiology, Lundois and Sterling's Manual of Human Physiology, Foster's Physiology and Ladd's Physiological Psychology are suggested as text books. Required Senior course. Four hours a week during the first term.

During the summer term, at the request of successive Senior classes, a short course of lectures has been given on practical questions relating to the hygiene of the home.

GEOLOGY

Mr. DALE.

A Senior elective course for the second term. Lectures and Archibald Geikie's Class Book of Geology (Edition of 1892). Students who take this course will have work in history under Professor Rice during the third term. Four hours a week.

EXHIBIT OF STUDIES

* The figures refer to the Courses of Instruction as arranged according to Departments in the preceding pages.

FRESHMAN YEAR

First Term

REQUIRED COURSES

Biblical Study 1,		M. 9-10.
French 1,	Div. I,	M. 5-6, W. S. 12-1.
French 1,	Div. II,	Th. 5-6, Tu. F. 12-1.
French 1,	Div. III,	Tu. 5-6, M. Th. 12-1.
Greek 1,	Div. I,	M. Tu. Th. F. 10-11.
Greek 1,	Div. II,	M. 11-12, W. Th. S. 9-10.
Greek 1,	Div. III,	Tu. F. 9-10, W. S. 10-11.
Latin 1,	Div. I,	Tu. 4-5, Th. F. 5-6.
Latin 1,	Div. II,	M. 4-5, Tu. 5-6. F. 3-4.
Latin 1,	Div. III,	M. 5-6, Th. F. 4-5.
Mathematics 1,	Div. I,	Tu. W. Th. F. 9-10.
Mathematics 1,	Div. II,	Tu. W. Th. F. 10-11.
Mathematics 1,	Div. III,	Tu. W. Th. F. 11-12.
Physical Training,	I,	M. Tu. Th. F. 11-11:30.
Physical Training,	II,	M. Th. 12-12:30, W. 11-11:30. S. 10-10:30.
Physical Training,	III,	Tu. W. F. S. 12-12:30.
Physiology 1,		S. 11-12.

Second Term

REQUIRED COURSES

English 1,		M. 10-11.
English 7,		Individual Appointments.
French 2,	Div. I,	M. 4-5, W. 11-12, S. 12-1.
French 2,	Div. II,	T. 12-1, Th. 4-5, F. 11-12.
French 2,	Div. III,	M. 9-10, Tu. 4-5, Th. 12-1.
Greek 2,	Div. I,	Tu. 4-5, Th. F. 5-6.
Greek 2,	Div. II,	M. 4-5, Tu. 5-6, F. 3-4.
Greek 2,	Div. III,	M. 5-6, Th. F. 4-5.
Latin 2a,	Div. I,	Tu. Th. F. 10-11.

Latin 2a,	Div. II,	W. Th. S. 9-10.
Latin 2a,	Div. III,	W. S. 10-11, F. 9-10.
Latin 2b,	Div. I,	M. 11-12.
Latin 2b,	Div. II,	M. 12-1.
Latin 2b,	Div. III,	Tu. 9-10.
Mathematics 2,	Div. I,	Tu. W. Th. F. S. 9-10.
Mathematics 2,	Div. II,	Tu. W. Th. F. S. 10-11.
Mathematics 2,	Div. III,	Tu. W. Th. F. S. 11-12.
Physical Training,	Div. I,	M. Th. 12-1.
Physical Training,	Div. II,	W. S. 12-1.
Physical Training,	Div. III,	Tu. F. 12-1.

Third Term

REQUIRED COURSES

English 1,	M. 9-10.
English 7,	Individual Appointments.
French 2,	Div. I, Tu. W. 8-9, F. 10-11.
French 2,	Div. II, W. 10-11, Th. S. 8-9.
French 2,	Div. III, M. F. 8-9, Th. 9-10.
Greek 3a,	Div. I, Th. 9-10, F. 8-9, S. 10-11.
Greek 3a,	Div. II, Tu. F. S. 9-10.
Greek 3a,	Div. III, Tu. Th. S. 8-9.
Greek 3b,	Div. I, Tu. 9-10.
Greek 3b,	Div. II, W. 8-9.
Greek 3b,	Div. III, W. 9-10.
Latin 3,	Div. I, M. 11-12, W. 9-10, Th. S. 8-9.
Latin 3,	Div. II, M. 10-11, Tu. F. 8-9, Th. 9-10.
Latin 3,	Div. III, W. 8-9, Tu. F. S. 9-10.
Mathematics 3a,	Div. I, M. Tu. Th. F. 3-4.
Mathematics 3a,	Div. II, M. Tu. Th. F. 4-5.
Mathematics 3a,	Div. III, M. Tu. Th. F. 5-6.
Mathematics 3b,	Individual Appointments.

SOPHOMORE YEAR

First Term

REQUIRED COURSES

English 6 and 7,	Individual Appointments.
German 1,	Div. I, Tu. Th. S. 9-10.
German 1,	Div. II, Tu. Th. S. 10-11.
German 1,	Div. III, Tu. Th. S. 11-12.

Williams College

Greek 4,	Div. I.	M. Tu. Th. F. 3-4.
Greek 4,	Div. II.	M. Tu. Th. F. 4-5.
Greek 4,	Div. III.	M. Tu. Th. F. 5-6.
Latin 4,	Div. I.	M. W. F. 10-11.
Latin 4,	Div. II.	M. W. F. 11-12.
Latin 4,	Div. III.	M. W. F. 12-1.
Mathematics 4,	Div. I.	Tu. Th. S. 10-11.
Mathematics 4,	Div. II.	Tu. Th. S. 11-12.
Mathematics 4,	Div. III.	Tu. Th. S. 9-10.
Physics 1,		M. W. F. 9-10.

Second Term

REQUIRED COURSES

Biology 1,	M. W. F. 9-10, Th. F. 4-5.
English 6,	Individual Appointments.
German 1,	Div. I, Tu. Th. S. 10-11.
German 1,	Div. II, Tu. Th. S. 11-12.
German 1,	Div. III, Tu. Th. S. 12-1.
History 1,	M. W. F. 12-1.
Physics 1,	Tu. Th. S. 9-10.

ELECTIVE COURSES

Greek 5,	M. 4-6, Tu. 5-6.
Latin 5,	M. Tu. 5-6.
Mathematics 5,	Tu. F. 5-6.

Third Term

REQUIRED COURSES

Chemistry 1,	M. W. F. 8-9, Th. F. 4-6.
German 1,	Div. I, Tu. Th. S. 9-10.
German 1,	Div. II, Tu. Th. S. 10-11.
German 1,	Div. III, Tu. Th. S. 11-12.
History 1,	M. W. F. 11-12.
Physics 1,	Tu. Th. S. 8-9.

ELECTIVE COURSES

Greek 5,	M. 4-6, Tu. 5-6.
Latin 5,	M. Tu. 5-6.
Mathematics 5,	Tu. F. 5-6.

JUNIOR YEAR

First Term

REQUIRED COURSES

English 6,		Individual Appointments.
History 2,		Tu. Th. S. 9-10.
Mathematics 6,	Div. I,	M. W. F. 9-10.
Mathematics 6,	Div. II,	M. W. F. 10-11.

ELECTIVE COURSES

Biology 2,	M. W. F. 11-1.
Chemistry 2,	Tu. Th. S. 10-1.
English 2,	M. W. F. 11-12.
French 3,	M. Tu. Th. F. 4-5.
German 2,	M. Tu. Th. F. 5-6.
Greek 6a,	M. W. F. 12-1.
History 3,	Tu. Th. S. 11-1.
Italian,	Tu. Th. S. 11-12.
Latin 6a,	Tu. Th. S. 11-12.
Mathematics 7,	M. W. F. 10-12, or Tu. Th. S. 11-12.
Physics 2,	Tu. Th. S. 10-12.

Second Term

REQUIRED COURSES

English 6,	Individual Appointments.
Philosophy 2,	Tu. Th. S. 9-10.
Political Science 2,	M. W. F. 9-10.

ELECTIVE COURSES

Biology 2,	M. W. F. 11-1.
Chemistry 2,	Tu. Th. S. 10-1.
English 3,	M. W. F. 11-12.
French 3,	M. Tu. Th. F. 4-5.
German 2,	M. Tu. Th. F. 5-6.
Greek 6b,	M. W. F. 12-1.
History 3,	Tu. Th. S. 11-1.
Italian	Tu. Th. S. 12-1.
Latin 6a,	Tu. Th. S. 11-1.
Mathematics 7,	M. W. F. 11-12.
Physics 2,	M. W. F. 10-12 or Tu. Th. S. 10-12.

*Williams College**Third Term*

REQUIRED COURSES

English 6,	Individual Appointments.
Philosophy 3,	Tu. Th. S. 8-9.
Political Science 2,	M. W. F. 8-9.

ELECTIVE COURSES

Biology 2,	M. W. F. 10-12.
Chemistry 2,	Tu. Th. S. 10-1.
English 3,	M. W. F. 10-11.
French 3,	M. Tu. Th. F. 4-5.
German 2,	M. Tu. Th. F. 5-6.
Greek 6c,	M. W. F. 11-12.
History 3,	Tu. Th. S. 10-12.
Italian	Tu. Th. S. 11-12.
Latin 6b,	Tu. Th. S. 10-12.
Mathematics 7,	M. W. F. 10-11.
Physics 2,	M. W. F. 9-11, or
	Tu. Th. S. 9-11.

SENIOR YEAR

First Term

REQUIRED COURSES

English 6,	Individual Appointments.
Philosophy 1,	Tu. Th. F. 5-6.
Philosophy 4,	M. 5-6. W.* S. 9-10.
Physiology 2,	M. Tu. Th. F. 9-10.

ELECTIVE COURSES

Biology 3,	Tu. Th. S. 11-1.
Chemistry 3,	M. W. F. 10-1.
English 4,	Tu. Th. S. 10-11.
French 4,	M. W. F. 11-12.
German 3,	M. W. F. 10-11.
Greek 6a,	M. W. F. 12-1.
Biblical Study 3,	M. W. F. 10-11.
History 3,	Tu. Th. S. 11-1.
Italian	Tu. Th. S. 11-12.
Latin 6a,	Tu. Th. S. 11-1.

Mathematics 8,	Tu. Th. S. 10-11.
Mathematics 9,	Tu. Th. S. 10-12.
Philosophy 5,	M. W. F. 11-12.
Physics 3,	Tu. Th. S. 11-1.
Political Science 1,	Tu. Th. S. 10-11.

Second Term

REQUIRED COURSES

English 5,	Tu. F. 9-10.
English 6,	Individual Appointments.
Philosophy 7,	M. W. 9-10.
Political Science 3,	Th. S. 9-10.

ELECTIVE COURSES

Biblical Study 2,	M. Tu. Th. F. 4-5.
Biology 3,	Tu. Th. S. 11-1.
Chemistry 3,	M. W. F. 10-1.
English 4,	Tu. Th. S. 10-11.
French 4,	M. W. F. 12-1.
Geology	M. Tu. Th. F. 4-5.
German 3,	M. W. F. 10-11.
Greek 6b,	M. W. F. 12-1.
Biblical Study 3,	M. W. F. 10-11.
History 3,	Tu. Th. S. 11-1.
Italian	Tu. Th. S. 12-1.
Latin 6a,	Tu. Th. S. 11-1.
Mathematics 8,	M. W. F. 10-11.
Mathematics 9,	M. W. F. 10-12.
Mathematics 10,	M. Tu. Th. F. 4-5.
Philosophy 5,	M. W. F. 11-12.
Philosophy 6,	M. Tu. Th. F. 5-6.
Physics 3,	Tu. Th. S. 11-1.
Political Science 1,	Tu. Th. S. 10-11.
Spanish	M. Tu. Th. F. 4-5.

Third Term

REQUIRED COURSES

English 5,	M. W. F. 8-9.
Political Science 3,	Tu. Th. S. 8-9.

ELECTIVE COURSES

Biblical Study 2,	M. Tu. Th. F. 4-5.
Biology 3,	Tu. Th. S. 10-12.
Chemistry 3,	M. W. F. 10-1.
English 4,	Tu. Th. S. 9-10.
French 4,	M. W. F. 11-12.
German 3,	M. W. F. 9-10.
Greek 6c,	M. W. F. 11-12.
Biblical Study 3,	M. W. F. 9-10.
History 3,	Tu. Th. S. 10-12.
History 4,	M. Tu. Th. F. 4-6.
Italian	Tu. Th. S. 11-12.
Latin 6b,	Tu. Th. S. 10-12.
Mathematics 8,	M. W. F. 9-10.
Mathematics 9,	M. W. F. 9-11.
Mathematics 10,	M. Tu. Th. F. 4-5.
Philosophy 5,	M. W. F. 10-11.
Philosophy 6,	M. Tu. Th. F. 5-6.
Physics 3,	Tu. Th. S. 10-12.
Political Science 1,	Tu. Th. S. 9-10.
Spanish	M. Tu. Th. F. 4-5.

EXAMINATIONS

Before the close of the first term there is a written examination upon all the subjects of that term, and before the close of the year there is a written examination upon the subjects of the second and third terms. The final examinations of the Senior class for the bachelor's degree will take place during the week beginning on the first Monday in June.

Students who fail to do the work of the term, or to pass the semi-annual examinations, are required to pass another examination at a later date, or are dropped into a lower class, or dismissed from college.

From each Senior, who falls below sixty per cent. on the final examination, the bachelor's degree will be withheld until the examination is passed to the satisfaction of the Faculty and accepted by the Executive Committee of the Trustees. No opportunity for reëxamination will ordinarily be given before June of the succeeding year.

The Associated Alumni of the College are represented in the conduct of instruction by a Committee consisting at present of the following gentlemen :

(Until Commencement, 1893)

PRIN. JAMES CARRUTHERS GREENOUGH, M.A., of Westfield, class of '60.

HON. JAMES ROBERT DUNBAR, B.A., of Brookline, class of '71.

(Until Commencement, 1894)

REV. STEPHEN WINCHESTER DANA, D.D., of Philadelphia, class of '61.

PROF. GEORGE FRANKLIN MILLS, M.A., of Amherst, class of '62.

(Until Commencement 1895)

PROF. GEORGE BENTON NEWCOMB, PH.D., of New York City, class of '56.

PRIN. JAMES CARRUTHERS GREENOUGH, M.A., of Westfield, class of '60.

The office of this committee is to attend the examinations, or such other exercises of the college as may seem advisable, and to make an annual report to the Alumni concerning the discipline, progress, methods and wants of the institution.

DEGREES

The degree of Bachelor of Arts is conferred by vote of the Trustees at the Annual Commencement upon students who have completed a full four years' course, to the satisfaction of the Faculty ; have paid their dues to the Treasurer, and returned to the librarian all books belonging to the college ; but the degree may be forfeited by misconduct at any time previous to the close of the Commencement exercises.

The degree of Master of Arts is given to Bachelors of two years' standing or upwards, who pass a satisfactory examination after spending a year in College pursuing a systematic course of study under direction of the Faculty.

The master's degree is given also to Bachelors of this college of three years' standing or upwards, who shall show by their printed essays, or by submitting to a special examination, that they have spent a year, or its equivalent, in liberal study and are worthy of recommendation for this degree.

The degree may be conferred at any time not less than three years after graduation upon Bachelors of Arts of this college who have pursued one of the learned professions, including that of teaching, and who on or before May 1st of the year in which they seek the degree, shall submit to the Faculty a satisfactory paper, literary, philosophical, or scientific. Professional papers, or those which have been used to obtain other degrees will not be accepted.

Bachelors of Arts will be recommended to the Trustees for the degree of Doctor of Philosophy, after they have spent in college at least two years in astronomical studies, have passed a satisfactory examination in Practical Astronomy or Geodesy, and have composed a thesis exhibiting ability to conduct original research. Any deficiency in the preliminary work of the college course will require another year of preparatory study. The academic year and the charge for tuition in this course will be the same as in the undergraduate department.

ATTENDANCE ON COLLEGE EXERCISES

Each student is expected to attend every exercise in the different studies which he pursues, but twelve absences are allowed each term, for which he need render no excuse. When that number is exceeded he becomes liable to college discipline.

MUSEUMS

The geological collection contains the fossils gathered and described by the late Professor Ebenezer Emmons; the Mineralogical museum includes the Wilder collection presented by the late Edward Clark, Esq., who also built

Clark Hall for its reception, and the botanical collection includes the extensive herbarium of carices given by the late Professor Dewey, and also the entire collection of the late John Pierce Brace.

LIBRARIES

The Library contains thirty-four thousand volumes, exclusive of duplicates, five thousand classified pamphlets in cases, with index, and many other pamphlets in process of classification. The collection of reviews and periodicals, both current and bound, is especially valuable. The system of classification recently adopted has been applied to the whole Library, and the work on the card catalogue has made good progress.

The sum of about four thousand dollars is expended annually for the Library. The Lawrence, Jonathan Phillips, Adriance, Jones, and other permanent library funds, represent a capital of forty-three thousand dollars, the income from which is increased by gifts and by special appropriations of the Trustees.

Students have direct access to all books. They may read or study in the Library during Library hours,—the new wings afford abundant facilities for this purpose—and they may draw three volumes at a time, to be retained, if desired, for two weeks, with the privilege of one renewal. The Library also provides conveniences for seminary or laboratory work.

The Library is open every week day during the entire year. In term time the hours are from 10 A. M. to 1 P. M., and from 2 P. M. to 6 P. M., and during vacation from 11 A. M. to 12 M. The east wing, containing current periodicals, general reference books and those bearing especially upon the term work, is open each week day evening from 7:30 to 9:30. Sunday afternoon from 2 to 5:30 the entire library is open for consultation.

The Libraries of the Philotechnian and Philologian Societies, containing nine thousand volumes, are open to

their members Wednesdays and Saturdays. A reading-room is also supported and controlled by an association of students.

ART COLLECTIONS

A valuable collection of paintings, bas-reliefs, Etruscan vases and Peruvian pottery, the gift of Mrs. John W. Field, of Philadelphia, is on exhibition in the new Library extension.

Through the liberality of Mrs. S. D. Warren of Boston, and others, the college has a good collection of illustrative material for the main branches of art study. This is constantly increased by the contributions of the Williams Art Association, an organization of the students, under the direction of Professor Rice, which provides weekly exhibitions and lectures. Two recent graduates have generously fitted up one of the large lecture-rooms in the Hopkins Memorial Building for displaying and storing such material. This gift makes possible the exhibition of loan collections of paintings and engravings which have proved an attractive and valuable feature in the work of the Art Association.

GYMNASIUM

The Lasell gymnasium, erected and equipped at a cost of \$50,000, chiefly by the munificence of the widow of the late Hon. Josiah Lasell of the class of 1844, and of his son, Josiah Manning Lasell, of the class of 1886, furnishes abundant facilities for physical development. The apparatus is the outcome of the study and invention of the best teachers of gymnastics. Pulley weights of the best pattern, adjustable to varying strength, light Indian clubs, dumb-bells, both of wood and of iron, horizontal and parallel bars, rings, and apparatus for developing special muscles, are used under the immediate supervision of an instructor. An inclined running track 229 feet in length, bowling

alleys, tub, shower and sponge baths and a base ball court, are important features of the building. There are several class drills daily in the main hall at hours suiting the convenience of the students. A careful examination and measurement of each student is made by the director, not only soon after entering college, but also at occasional intervals later in the course, in order that the exercise may be adapted to individual peculiarities and a symmetrical development secured. Gymnastic exercise is required of the Freshman class during the first and second term.

The smaller athletic fields near the college buildings afford practice in tennis, lacrosse, and similar sports, while the large "Weston Field," the gift of Hon. Byron Weston, of Dalton, affords ample opportunity for base ball, foot ball, and other out-door exercises. A cinder track has been laid on the same field for the various exercises of the Athletic Association.

ORDER AND DISCIPLINE

The aim in the administration of the college discipline is to lead every student to regard himself as responsible for good order and a high standard of scholarship. The freedom incidental to college life makes it important that students should coöperate with the Faculty in order to secure the best development of character. The parents or guardians of students who fail to do this will be requested to withdraw them from the institution, and in extreme cases the withdrawal will be made compulsory.

The college duties begin on the first day of the term, and the absence of a student from the opening exercises often causes him great loss through his failure at the outset to master the fundamental principles of a subject. Parents, guardians and students are notified that, as a rule, application for excuses from the first exercises of a term, will not be granted.

Each term ends with an examination which cannot be passed before the time appointed by the instructor, and any

necessity for leaving town a day or two before the end of the term, which will be admitted only in the rarest instances, involves the postponement of the examination to the beginning of the following term, or in the case of the semi-annual examinations till the close of the next half of a college year.

RECORDS AND REPORTS

A report of scholarship and conduct is made to every student's parent or guardian at the close of each half year, and whenever his relations to the discipline of the college require it. A permanent record is also kept of the numerical estimates of each student's college work. By this record the final rank is determined. A report of attendance is sent home at the close of each term.

PUBLIC WORSHIP

Prayers are attended every week day morning and Sunday evening, at which all students are required to be present.

Religious services are held on Sunday in the college chapel, and all students worship there, unless excused at the request of their parents or guardians to attend the services of some other church.

PRIZES

The late Hon. Erastus C. Benedict, formerly an instructor in the college, established seven prizes of twenty-five dollars each, which may be awarded annually for excellence in the following departments: Latin, Greek, French, German, Mathematics, Natural History and History; also seven second prizes of fifteen dollars each, which may be awarded in the same departments.

He also founded a prize of twenty-five dollars, to be given annually to that member of the college who, at the close of each college year, shall be found to have received the largest number of prizes.* Honorable mention is here counted as a prize. In case of a tie the relative grades of the prizes will be taken into account, and honorable mention in Latin or Greek and a Rice book prize will not both be counted.

A prize, amounting to seventy dollars, established by A. V. W. Van Vechten, Esq., of New York City, may be awarded for extemporaneous speaking. The assignment of this prize will be made by the Faculty, and will depend upon excellence of diction in the ordinary recitations, in class debates, and such other exercises during the college course as test the speaker's readiness and ability.

Arthur B. Graves, Esq., founded seven prizes amounting to two hundred dollars, which may be awarded as follows: Six prizes of twenty dollars each for the best six essays prepared by members of the Senior Class, on subjects assigned by the Faculty; one prize of eighty dollars to the student who shall deliver his essay in the most effective manner before a public audience.

* For the present an additional sum of \$75.00 will be given each year by a friend of the college to increase this prize to \$100.00.

On the evening before Commencement, ten speakers, appointed equally from the Junior and Sophomore classes, deliver original orations in competition for five prizes. The income of two thousand dollars—one thousand of which was given by Elizur Smith, Esq., of Lee, and the other by William T. Booth, Esq., of New York City—is appropriated for these prizes.

The income of five thousand dollars, left to the college by the late James Lothrop Rice, Esq., is by his will appropriated to the encouragement of Latin and Greek scholarship. Of this income sixty dollars may be awarded at Commencement of each year to that member of the Senior Class who shall have shown the fullest and most accurate knowledge of certain Latin classics; and forty dollars to the member of the same class who shall have attained the second rank in the knowledge of the same authors; sixty dollars may be awarded at the same time to the member of the Senior Class who shall have shown the fullest and most accurate knowledge of certain Greek classics; and forty dollars to the member of that class who shall have attained the second rank in the knowledge of the authors in question. The same student may compete for the prizes in these departments, but they will be assigned only to students who have pursued the subject as an elective during both the Junior and Senior years.

The late Hon. Francis Henshaw Dewey founded a prize of fifty dollars to be given to the member of the graduating class who shall present the most creditable oration in point of composition and delivery, at Commencement exercises.

The Cobden Club of London, offers a silver medal annually to the student, who, in the judgment of the professor, makes the greatest progress in Political Economy.

HONOR SCHOLARSHIPS

Several Honor Scholarships of \$2,500.00 each, have been founded by alumni and friends of the college, the income of which is awarded by the faculty to as many young men as there are scholarships, in order not only to afford pecuniary aid, but also to recognize successful scholarship.

The scholarships already endowed, in whole or in part, are as follows :

The "Thomson Scholarship," founded by the late Charles H. Thomson, Esq., of New York.....	\$2,500.00
The "Warren Scholarship," founded by the late S. D. Warren, Esq., of Boston.....	2,500.00
The "Gilson Scholarship," founded by the late Prof. C. F. Gilson	2,500.00
The "J. Ruthven Adriance Memorial Scholarship,"	2,500.00
The "Chadbourne Scholarship,"	2,500.00
The "Scholarship of the class of 1862,"	1,202.00
The "Scholarship of the class of 1867,"	675.00

A portion of the income of the fund bequeathed to the College by the late Henry Titus Morgan, Esq., of New York City, may be employed to encourage young men of high scholarship in the prosecution of their studies, either before or after receiving the bachelor's degree.

CLASS SCHOLARSHIPS

The income of the following Scholarships is conferred on persons selected by the classes, or by their representative :

The "Scholarship of the class of 1851,"	\$2,500.00
The "Scholarship of the class of 1852,"	1,808.00

SCHOLARSHIP FUNDS

The income of all the endowments mentioned below, amounting to over \$7,000, is distributed annually, at the discretion of the Trustees, among those students who are known to need aid, for the partial or entire payment of their college bills. Assistance will be given only to candidates for the bachelor's degree.

Those who apply for this aid are expected to show that they are in need of it, and also to prove by their work and conduct as students, that they are worthy of it.

In accordance with a recent vote of the Trustees this aid will be withheld from such students as fail to maintain a respectable standing in scholarship. Any student who, by reason of failure at a regular examination, is required to pass a second, will forfeit this assistance for that term. Repeated failures of this kind will exclude him from farther pecuniary aid. Neglect of duty, disregard of college laws, or indulgence in expensive habits will occasion a similar exclusion.

The amount allowed to a student lodging in a private or club house will generally be less than that granted to one who occupies a room in the college buildings.

A form of application may be obtained of the registrar. Such an application, with the proper signatures, must be submitted to the authorities of the colleges. The receipt of aid for one year, will not establish a claim to it for another.

SCHOLARSHIP FUNDS

Baldwin Fund,	.	.	.	.	.	.	\$28,000.00
Alumni Scholarship Fund,	.	.	.	.	.	.	10,000.00
Mills Fund,	.	.	.	.	.	.	8,000.00
State Fund,	.	.	.	.	.	.	7,500.00

Woodbridge Little Fund,	\$6,000.00
Starkweather Fund,	1,000.00
Means Fund,	1,000.00
Moses Day Fund,	5,000.00
Barnes Fund,	300.00
Jessup Fund,	1,000.00
Three State Scholarships,	4,500.00
Thomas Thornton Read Permanent Fund,	4,965.75
Thomas Thornton Read Scholarship,	2,500.00
Francis Henshaw Dewey Scholarship,	3,000.00
Henshaw Scholarship,	3,000.00
Louisa F. Bartlett, Scholarship,	2,500.00
Homer Bartlett Scholarship,	2,500.00
William Hyde Scholarship,	2,500.00
Mrs. William Hyde Scholarship,	2,500.00
Orrin Sage Scholarship,	2,500.00
Miss Sarah R. Sage Scholarship,	2,500.00
Hancock Scholarship,	2,500.00
Olin White Geer Memorial Scholarship,	2,500.00
Henry P. Brush Scholarship,	2,375.00
Amos Lawrence Scholarships,	2,000.00
Dewey Scholarship,	1,500.00
Olin Scholarship,	1,000.00
George H. Rosseter Scholarship,	1,000.00
Newton Henry Rosseter Scholarship,	1,000.00
Cone Scholarship,	1,000.00
Stoddard Scholarship,	1,000.00
Emory Washburn Scholarship,	1,000.00
S. W. Arms Scholarship,	1,000.00
Cyrus Taggart Mills Scholarship,	1,000.00
Merriam Scholarship,	550.00
Barker Scholarship,	500.00
Mason Scholarship,	500.00
Bancroft Scholarship,	500.00
Bela Peck Williams Scholarship,	500.00
Thomas W. Williams Scholarship,	500.00

COLLEGE HALL

The house known as College Hall was built and furnished by the friends of the college in order to reduce the price of board for students.

Board will be furnished uniformly for less than its actual cost, as a percentage of the rents for rooms in College Hall will be employed to defray in part the expenses of the table. The price for the present year will probably be \$3.25 per week.

Board can be obtained in clubs, or private families, or at the hotels, at prices ranging from \$3.50 to \$6.00 per week.

EXPENSES

Students are required to pay their term bills in advance. In case of failure to do this by the end of the second week of the term, they may be excluded from all college exercises. The following is an estimate of the necessary expenses for the college year :

TREASURER'S BILLS.

Tuition, \$35 per term,	\$105.00	\$105.00
Library charge,	4.50	4.50
Gymnasium,	3.00	3.00
Room rent, \$2.50 to \$41.67 per term,	7.50	90.00
	<u>\$120.00</u>	<u>\$202.50</u>

Those students who, from choice or necessity, room in town, can obtain rooms at prices somewhat higher than the rates charged in college.

Those who enter on an advanced standing, unless they come from another college, pay the following sums as entrance money, viz: Sophomores, \$10; Juniors, \$20; Seniors, \$30; and this rule is also applicable to partial course students.

GENERAL EXPENSES

Board, \$3 25 to \$6 per week, for 36 weeks,	\$117.00	\$216.00
Washing,	15.00	20 00
Fuel and Light,	8.00	18.00
	<hr/>	<hr/>
	\$140.00	\$254.00

To the above items must be added the expense of furnishing room, cost of text-books, and incidentals. The amount of incidental expenses will depend very much on the habits of the student. It is earnestly recommended that parents and guardians should not authorize their sons and wards to obtain credit here, and should not pay debts contracted without their authority.

Any special damage done by students to college property will be charged as an extra in their term bills.

PRICES OF COLLEGE ROOMS

In the dormitories of Williams College there are one hundred and fourteen double rooms (a study and two bedrooms), two triple rooms (a study and three bedrooms) and nine single rooms, giving accommodations for two hundred and forty-three students. The number now in attendance upon the college is three hundred and forty. It is therefore necessary that each double room should be occupied by two students.

Students having college scholarships will be required to room in either West College, East College, South College or Kellogg Hall.

Each student renting a college room will have the legal relation of a tenant, and will be held responsible for all the damage done to his room. The damage done in any entry will be charged to the men whose rooms open into that entry.

Each student renting a college room must occupy it himself, and no transfer of rooms will be allowed. To secure a room an obligation must be signed and filed with the Registrar. Each student must sign an obligation and if for any reason one student leaves the room the other occupant must pay the full rental of the room for the remainder of the year. Those who are not registered members of the college can secure rooms in college buildings only by the payment of one term's rent in advance. No graduate student can take a college room until all undergraduates have been supplied.

MORGAN HALL, has thirty-three double rooms (a study and two bedrooms), two triple rooms (a study and three bedrooms), and one single room. The yearly rental of these rooms, including steam-heat and service, is as follows:

Nos. 28, 31 and 34, \$225 each.

Nos. 4, 5, 7, 8, 29, 32, 35 and 38, \$210 each.

Nos. 2, 6, 9, 11, 14, 15, 16, 17, 22, 23, 24, 25, 30, 33, 36 and 37, \$159 each. No. 10, \$174.

Nos. 3, 12, 13, 20 and 21, \$144 each.

Nos. 18-19, 26-27, triple rooms, \$219 each with two occupants, or \$231 each with three occupants.

No. 1, single room, \$159.

It will be noticed that in this list, service (\$24 a year) which has been treated as a separate item in previous schedules, is included in the rental.

Each student rooming in Morgan Hall will be entitled to the use of a bath-room once each week, under regulations established by the college authorities.

COLLEGE HALL has six double and two single rooms. The yearly rental of these rooms, including steam-heat and service, is as follows :

Nos. 17 and 18, single rooms, \$75 each.

Nos. 13-15, 14-16, double rooms, \$135 each.

Nos. 5-7, 6-8, 9-11, 10-12, double rooms, \$159 each.

KELLOGG HALL has twelve double rooms which rent for \$60 each, and one single room which rents for \$30 per year.

EAST COLLEGE has twenty-four double rooms which rent for \$30, \$54 and \$60 each, according to location.

SOUTH COLLEGE has eight double rooms which rent for \$30 and \$48 each, and four single rooms which rent for \$16 each. The Hermitage has one single room at \$15.

WEST COLLEGE has thirty-one double rooms, which rent at \$15, \$30 and \$48 each, according to location.

The expense for each student is one-half the rates given for double rooms. College rooms are not furnished.

Early in the third term of each year, the rooms are rented for the ensuing year. The first privilege is given to those already occupying the rooms. Two students of the same class can hold the double room which they now occupy. One student can hold his half of a double room by securing a room-mate from his own class or from an upper class. The rooms not thus re-engaged are offered to the classes in the order of seniority. The members of each class, two members together, draw lots for the choice of rooms.

Students who are to leave college at the end of the college year as well as those who are to change from one college room to another, or who are to change from a college room to a private house or a society house, must remove all furniture and other property from the room they have occupied within two weeks from Commencement day. Furniture etc., not thus removed by the owner will be removed by the college employees and stored at the owner's expense.

PRIZES AWARDED AT COMMENCEMENT, 1892

BENEDICT PRIZES

In Latin

FIRST PRIZE—Olcott Osborne Partridge, . . .	Class of 1894
SECOND PRIZE—Robert Joseph Gulliver, . . .	" "
HONORABLE MENTION—Willis Isbister Milham, . . .	" "

In Greek

FIRST PRIZE—Olcott Osborne Partridge, . . .	Class of 1894
SECOND PRIZE—Robert Joseph Gulliver, . . .	" "
HONORABLE MENTION—Arthur Herbert Coar, . . .	" "

In Mathematics

FIRST PRIZE—Olcott Osborne Partridge, . . .	Class of 1894
SECOND PRIZE—Willis Isbister Milham, . . .	" "

In History

FIRST PRIZE—Franklin Story Conant, . . .	Class of 1893
SECOND PRIZE—Howard Halsey Bayne, . . .	" "
HONORABLE MENTION—Frederick Winter Barthel, . . .	" "

In Natural History

FIRST PRIZE—David Everett Wheeler, . . .	Class of 1894
SECOND PRIZE—Arthur Guy Merrill, . . .	" "

In French

FIRST PRIZE—Pierre Joseph Frein, . . .	Class of 1892
SECOND PRIZE—Frank Price Frein, . . .	" "
HONORABLE MENTION—James William Rowe and Payn Bigelow Parsons, . . .	" "

In German

FIRST PRIZE—Lauder William Jones, . . .	Class of 1892
SECOND PRIZE—Robert Hoit Johnston, . . .	" "
HONORABLE MENTION—Russell Lord Tarbox, . . .	" "

PRIZE FOR PRIZES

Walter Anson Weed, Jr., . . .	Class of 1892
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GRAVES PRIZES

For Essays—Class of 1892

Edwin Whitney Bishop	Harry Gilson Gardner
John Charles Campbell	Robert Hoit Johnston
Benjamin Calvin Cooke	Morrison Ellsworth Meriam

For Excellence of Delivery

John Charles Campbell,	Class of 1892
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VAN VECHTEN PRIZE

For Extemporaneous Speaking

Edward Everett Wilson,	Class of 1892
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RICE PRIZES

In Latin

FIRST PRIZE—Walter Anson Weed, Jr.,	Class of 1892
SECOND PRIZE—Herbert Leslie Mapes,	" "

In Greek

FIRST PRIZE—Walter Anson Weed, Jr.,	Class of 1892
SECOND PRIZE—Edwin Whitney Bishop,	" "

Book Prizes from the Rice Fund. Class of 1894

Edwin Nesbit Chapman	Willis Isbister Milham
Bayard Henderson Christy	Edward Delahay Osborn
Arthur Herbert Coar	Henry Grant Rowe

GRIFFIN PRIZES

In English Literature

FIRST PRIZE—Alfred Pearson Perkins,	Class of 1892
SECOND PRIZE—Harry Gilson Gardner,	" "

RHETORICAL PRIZES

General Prize

Norman Herbert Dutcher,	Class of 1894
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Junior Prizes

FIRST PRIZE—Charles Edward Miller,	Class of 1893
SECOND PRIZE—Franklin Hubbell Mills,	" "

Sophomore Prizes

FIRST PRIZE—Alexander White Doolittle,	Class of 1894
SECOND PRIZE—Edward Delahay Osborn,	" "

DEWEY PRIZE

For Excellence in Commencement Exercises

Walter Anson Weed, Jr., Class of 1892

HONOR SCHOLARSHIPS

Thomson Scholar,	Arthur Henry Longfellow,	.	Class of 1895
J. Ruthven Adriance Scholar,	Louis J. Balliet,	.	Class of 1893
Warren Scholar,	Frederick Winter Barthel,	.	Class of 1893
Gilson Scholar,	Arthur Herbert Coar,	.	Class of 1894

APPOINTMENTS FOR COMMENCEMENT

CLASS OF 1892

Valedictory

Walter Anson Weed, Jr.

Salutatory

Robinson Paige Bainbridge

Philosophical Orations

Charles Albert Browne, Jr.	Payn Bigelow Parsons
Robert Hoit Johnston	James Edward Peabody

Orations

Edwin Whitney Bishop	Russell Lord Tarbox
Andrew Porter McKean	Edwin Van Wormer
Frederick Rufus Woodward	

Dissertations

Edward Bartow	Charles Lovejoy Hibbard
John Charles Campbell	James William Rowe
Arthur Robert Davies	David Henry Williams, Jr.
* Benjamin DeWolfe	Edward Everett Wilson
Harry Gilson Gardner	Charles Hewitt Wright

* Deceased

Winthrop Benton Greene	Raphael Frederick Medrick
Lauder William Jones	Morrison Ellsworth Meriam
Henry Shattuck Ludlow	Alfred Pearson Perkins
Herbert Leslie Mapes	Frederick Bushnell Ryder
Amos Burt Thompson	

DEGREES CONFERRED IN 1892

BACHELOR OF ARTS

David Fitch Armstrong	Henry Shattuck Ludlow
Harry Eugene Avery	Andrew Porter McKean
Robinson Paige Bainbridge	Herbert Leslie Mapes
Ernest Clark Bartlett	Rolph Marsh
Edward Bartow	Edward Norris Kirk Mears
Edwin Whitney Bishop	Raphael Frederick Medrick
George Anderson Blanchard	Morrison Ellsworth Merlam
Orton Bishop Brown	Leverett Bradbury Merrill
Charles Albert Browne, Jr.	Woodbury Treat Morris
Munson Burton	John Nelson
George Aldrich Bushée	Josiah Turner Newcomb
John Charles Campbell	Payn Bigelow Parsons
William Ransom Carpenter	James Edward Peabody
Perry Champion	George Mann Peck
Charles Dexter Cleveland	Alfred Pearson Perkins
Benjamin Calvin Cooke	Charles Lincoln Roberts
Arthur Robert Davies	James Charles Rogerson, Jr.
*Benjamin DeWolfe	James William Rowe
Frank Randall Dow	Frederick Bushnell Ryder
William Frank Edgerton	Ferdinand William Sackett
Lawrence Bradford Fitch	Charles Louis Safford
Frank Price Frein	William Clifford Smith
Pierre Joseph Frein	Walter Bullard Street
Harry Gilson Gardner	Russell Lord Tarbox
Oscar Thompson Gehris	Amos Burt Thompson
Paul Williams Goldsbury	Henry Augustus Towner, Jr.
Winthrop Benton Greene	Herbert Bailey Vail
Rollin Lynde Hartt	Newton Briggs Vanderzee
Charles Lovejoy Hibbard	Edwin Van Wormer
George Porter Hitchcock	William Orr Wark
Charles Marvin Hollister	Walter Anson Weed, Jr.
Albert William Hopkins	Henry Kirke White, Jr.
Earl Holbrook Hotaling	David Henry Williams, Jr.
Willard Evans Hoyt	Myron Clark Williams
Herbert Savage Ide	Edward Everett Wilson
Robert Hoit Johnston	William Robert Anthony Wilson
Lauder William Jones	Ernest Glen Wood
Frederick William Keough	Frederick Rufus Woodward
Michael Fay LaFayette	Charles Hewitt Wright

* Deceased

MASTER OF ARTS

**Titus Munson Coan
Starr Willard Cutting
Franklin Fuller Gunn
Robert Grant Aitken**

**Carroll Lewis Maxcy
Thomas Cole Richards
Arthur Truman Safford
David Eugene Van Gieson
William Robert Williams**

HONORARY DEGREES

DOCTOR OF LAWS

James Barclay Jermain

MASTER OF ARTS

Hamilton Wright Mabie

STUDENTS

GRADUATES

John Nelson, B. A., '92	<i>Omaha, Neb.</i>	Spring st.
James Edward Peabody, B.A., '92	<i>Williamstown</i>	Spring st.

SENIOR CLASS

James Wight Anderson	<i>Springfield</i>	Θ. Δ. X. House
John Benjamin Archer	<i>Blackinton</i>	X. Ψ. Lodge
Lynn Paddock Armstrong	<i>Bennington, Vt.</i>	Θ. Δ. X. House
Leon Brooks Bacon	<i>Syracuse, N. Y.</i>	8 K. H.
Louis J. Balliett	<i>Lockport, N. Y.</i>	Z. Ψ. House
Charles Everett Banker	<i>Schaghticoke, N. Y.</i>	3 E. C.
Frederick Winter Barthel	<i>West Troy, N. Y.</i>	20 W. C.
Howard Halsey Bayne	<i>Hadley</i>	16 E. C.
James McDougall Blue	<i>Newtonville</i>	22 E. C.
Henry Burnham Boone	<i>Fall River</i>	Δ. Υ. House
Fisher Howe Booth	<i>Englewood, N. Y.</i>	K. A. Lodge
Carl Davis Burtt	<i>Lowell</i>	Chapel
Leslie Linwood Cleveland	<i>Somerville</i>	5 K. H.
Albert Edmund Cluett	<i>Troy, N. Y.</i>	Δ. Ψ. Lodge
Edward James Collier	<i>Kinderhook, N. Y.</i>	Φ. Δ. Θ. House
Walter Collins	<i>Jersey City, N. Y.</i>	Taconic Inn
Franklin Story Conant	<i>Wellesley Hills</i>	13 C. H.
James Bronson Conant	<i>Amsterdam, N. Y.</i>	5 K. H.
William Irving CortHELL	<i>Hingham</i>	Θ. Δ. X. House
Alfred Joseph Daly	<i>Troy, N. Y.</i>	2 S. C.
Raymond Dodge	<i>West Acton</i>	20 W. C.
Alvan Emile Duerr	<i>Ontario, O.</i>	15 W. C.
Henry Hudson Eddy	<i>Fall River</i>	11 M. H.
Charles Taft Ennis	<i>Lyons, N. Y.</i>	25 M. H.
James Albert Evans	<i>Little Falls, N. Y.</i>	22 E. C.

Frederick William Fuess	<i>Utica, N. Y.</i>	14 E. C.
Abram Garfield	<i>Mentor, O.</i>	A. Δ. Φ. House
Irvin McDowell Garfield	<i>Mentor, O.</i>	A. Δ. Φ. House
Andrew Boyd Gilfillan	<i>Peoria, N. Y.</i>	Θ Δ. X. House
Harry Noyes Greene	<i>Lansingburg, N. Y.</i>	Δ. T. Δ. Lodge
Frank Hammond Griggs	<i>St. Paul, Minn.</i>	Z. Ψ. House
Nathan Russell Harrington	<i>Cleveland, O.</i>	Φ. Δ. Θ. House
Frank Henry Haskins	<i>Springfield</i>	6 C. H.
John Willis Hollister	<i>Cambridge, N. Y.</i>	13 K. H.
Charles Edward Hulett	<i>Fort Scott, Kan.</i>	X. Ψ. Lodge
John Niles Huyck	<i>Albany, N. Y.</i>	Δ. T. Lodge
Edwin Franklin Jenks	<i>Adams</i>	6 C. H.
Hugh Henry Lansing	<i>Troy, N. Y.</i>	Δ. T. Δ. Lodge
Harold Augustus Lewis	<i>New York City</i>	Δ. T. Δ. Lodge
John Parker Locke	<i>Hoosick Falls, N. Y.</i>	14 M. H.
Ernest Munsell Long	<i>Harwichport</i>	13 K. H.
Robert Adams Manning	<i>Marquette, Mich.</i>	A. Δ. Φ. House
Robert Gillespie Mead, Jr.	<i>Sing Sing, N. Y.</i>	K. Λ. Lodge
Franklin Hubbell Mills	<i>Amherst</i>	13 C. H.
Wilfrid Ryan Morgan	<i>Washington, D. C.</i>	X. Ψ. Lodge
James David Murphy	<i>Mt. Stewart, P. E. I.</i>	8 K. H.
Merle Farmer Murphy	<i>Independence, Kan.</i>	7 E. C.
Warren Carlos Nutting	<i>Woodstock, Vt.</i>	16 E. C.
Arthur Oliver	<i>Asbury Park, N. J.</i>	Φ. Δ. Θ. House
Howard Opdyke	<i>Plainfield, N. J.</i>	Σ. Φ. Place
Frank Eugene Parks	<i>Warren, O.</i>	Φ. Δ. Θ. House
Charles Park Pressey	<i>Hampstead, N. H.</i>	Θ. Δ. X. House
Charles Philip Redfield	<i>Vernon, Conn.</i>	14 E. C.
Robert McEwen Schaufler	<i>Kansas City, Mo.</i>	17 M. H.
Frederick Edwards Searle	<i>Westfield</i>	Φ. Δ. Θ. House
Charles Grenville Sewall	<i>Schenectady, N. Y.</i>	14 M. H.
Louis Palmer Slade	<i>Fall River</i>	Δ. T. House
George Newton Sleight	<i>Orleans, N. Y.</i>	Chem. Lab.
Frederic Miller Smedley	<i>New York City</i>	Δ. Ψ. Lodge
Bertram Llewellyn Smith	<i>Fishkill-on-Hudson, N. Y.</i>	The Berkshire
Fred Clark Stanley	<i>Norwalk, Conn.</i>	17 S. C.

Louis Morris Starr	<i>New York City</i>	Δ. Ψ. Lodge
Frederic Alphonso Weddell	<i>Cleveland, O.</i>	Δ. K. E. House
Ernest Nash Wilcox	<i>Shelburne Falls</i>	Prof. Mears's
Alden Rufus Wild	<i>Lee</i>	17 S. C.
John Howard Willis	<i>Palmer</i>	3 E. C.
Arthur Kittinger Willyoung	<i>Buffalo, N. Y.</i>	Δ. K. E. House
Frank Henry Woodman	<i>Beverly</i>	7 W. C.

*Milford White Childs	<i>Medina, N. Y.</i>	Z. Ψ. House
*Henry Joy Condit	<i>Columbia, S. C.</i>	15 M. H.
*Charles Edwards Miller	<i>Norwalk, Conn.</i>	X. Ψ. Lodge
*Woodruff Sutton, Jr.	<i>New York City</i>	A. Δ. Φ. House

SENIORS, 72

JUNIOR CLASS

William Hayden Baker	<i>Schaghticoke, N. Y.</i>	7 W. C.
John Newton Beach, Jr.	<i>Brooklyn, N. Y.</i>	The Berkshire
William Erastus Beckwith	<i>Great Barrington</i>	5 E. C.
Fred Andrew Benton	<i>Earlville, N. Y.</i>	8 S. C.
John Woods Brennan	<i>St. Albans, Vt.</i>	The Berkshire
Robert Andrew Bruce	<i>Franklin, Pa.</i>	12 K. H.
Gavin Archibald Campbell	<i>Oak Park, Ill.</i>	W. O. Adams's
Frederic William Carey	<i>Norwich, Conn.</i>	Φ. Δ. Θ. House
Edwin Nesbit Chapman	<i>Brooklyn, N. Y.</i>	18 M. H.
Bayard Henderson Christy	<i>Sewickley, Pa.</i>	18 M. H.
Arthur Herbert Coar	<i>West Springfield</i>	7 E. C.
Romaine Hard Crosby	<i>Brooklyn, N. Y.</i>	17 C. H.
Floyd Elmer DeGroat	<i>Nichols, N. Y.</i>	Z. Ψ. House
Harry DeWitt DeGroat	<i>Owego, N. Y.</i>	9 K. H.
James Harvey Donnelly	<i>Bennington, Vt.</i>	24 E. C.
Alexander White Doolittle	<i>Waterville, N. Y.</i>	Δ. Υ. House
Norman Herbert Dutcher	<i>St. Albans, Vt.</i>	18 M. H.
Edward Edwards, Jr.	<i>Troy, N. Y.</i>	12 E. C.
Richard Sweet Folsom	<i>Chicago, Ill.</i>	Δ. Υ. House

* Partial Course.

Edwin Carlton Gillette	<i>Hartford, Conn.</i>	7 K. H.
Paul Myron Goodrich	<i>North Adams</i>	24 E. C.
Reynolds Freeman Guerin	<i>Columbus, O.</i>	X. ♀. Lodge
Robert Joseph Gulliver	<i>Norwich, Conn.</i>	Φ. Δ. Θ House
Theodore Dudley Hammatt	<i>Topeka, Kan.</i>	K. A. Lodge
Miles Tracy Hand	<i>Scranton, Pa.</i>	Mr. Wheeler's
Peter Oliver Hanford	<i>Penn Yan, N. Y.</i>	X. ♀. Lodge
William Cook Hart	<i>Williamstown</i>	Mrs. Hart's
Frederic Thatcher Harward	<i>Richmond, Mo.</i>	8 E. C.
Alfred Birch Herrick	<i>Amsterdam, N. Y.</i>	7 K. H.
Allan John Holley	<i>Salem, N. Y.</i>	9 S. C.
Bartholomew Howard	<i>North Brookfield</i>	1 K. H.
Everett Chase Howe	<i>Marlborough</i>	Δ. Υ. House
Joseph Edward Huard	<i>Fall River</i>	11 E. C.
John Perit Huntington	<i>Norwich, Conn.</i>	5 C. H.
Edward Hyatt Hutton	<i>Rochester, N. Y.</i>	9 K. H.
Arthur Augustus Jordan	<i>Pittsfield</i>	21 W. C.
Frank Leonard Judd	<i>East Charlemont</i>	21 W. C.
Lewis Earle Lee	<i>Albany, Oregon</i>	19 E. C.
John Joseph Lynch	<i>Holyoke</i>	9 E. C.
Thomas James Lynch	<i>Holyoke</i>	9 E. C.
William Hinman Maclay	<i>New York City</i>	Mr. Gavitt's
Herbert John McMurtrie	<i>New York City</i>	Δ. Υ. House
Sidney Graves Mather	<i>Morristown, N. J.</i>	7 M. H.
Arthur Guy Merrill	<i>Shelburne Falls</i>	8 W. C.
Willis Isbister Milham	<i>Kinderhook, N. Y.</i>	Mr. Wells's
Louis Gregg Neville	<i>Nashua, N. H.</i>	X. ♀. Lodge
Edward Delahay Osborn	<i>Topeka, Kan.</i>	11 M. H.
Olcott Osborne Partridge	<i>Pittsfield</i>	5 E. C.
Charles Pinkerton	<i>West Chester, Pa.</i>	K. A. Lodge
Llewellyn Edward Pratt	<i>Columbus, O.</i>	3 M. H.
Albert Hawley Prentiss	<i>Buffalo, N. Y.</i>	Z. ♀. House
Henry Grant Rowe	<i>Medina, O.</i>	Spring St.
Harry Axtell Rumsey	<i>Chicago, Ill.</i>	Mrs. Danforth's
William Luther Sawtelle	<i>Athens, Pa.</i>	20 E. C.
Benjamin Robinson Schenck	<i>Syracuse, N. Y.</i>	Z. ♀. House

Edward Thomas Scully	<i>Pittsfield</i>	11 E. C.
John Rumney Searles	<i>Rome, N. Y.</i>	Δ. K. E. House
Carleton Gifford Smith	<i>Williamstown</i>	Mr. Smith's
Harry Osgood Spalding	<i>Boston</i>	Φ. Δ. Θ. House
Samuel Romney Spring	<i>Williamstown</i>	Prof. Spring's
William Metcalfe Stone	<i>Owego, N. Y.</i>	Z. Ψ. House
Lyman Eddy Thayer	<i>Cleveland, O.</i>	Σ. Φ. Place
Herbert Llewellyn Towne	<i>Williamstown</i>	20 E. C.
Voluntine Covil Turner	<i>St. Louis, Mo.</i>	X. Ψ. Lodge
David Everett Wheeler	<i>New York City</i>	K. A. Lodge
Eugene Richard White	<i>Buffalo, N. Y.</i>	A. Δ. Φ. House
Seward H. Williams	<i>Amsterdam, N. Y.</i>	12 K. H.
Samuel Mackay Wilson	<i>Louisville, Ky.</i>	4 K. H.
Gavin Hamilton Wright	<i>Fitchburg</i>	19 E. C.

*William Swinton Bennett Hopkins, Jr.	<i>Worcester</i>	Σ. Φ. Place
*Warren Morse	<i>Williamstown</i>	White Oaks
*William Maguire Reed	<i>Chicago, Ill.</i>	8 W. C.
*Alexander Sloan	<i>New York City</i>	Hermitage

JUNIORS, 73

SOPHOMORE CLASS

Frederick Carhart Adams	<i>Natick</i>	23 E. C.
George Marshall Alden	<i>Troy, N. Y.</i>	10 M. H.
Lewis Raynor Aldrich	<i>Princeville, Ill.</i>	26 W. C.
Jerome Ripley Allen	<i>Greenfield</i>	34 M. H.
Frederick Bowden Ayer	<i>Shrewsbury</i>	1 W. C.
Winfred Howard Babbitt	<i>West Brattleboro, Vt.</i>	11 W. C.
Henry Joseph Baron	<i>Williamstown</i>	Mr. Baron's
Benjamin Thomas Bartlett	<i>Nottingham, N. H.</i>	12 M. H.
Felton Bent	<i>Steelton, Pa.</i>	Mr. Hopkins's
Martin Whitten Berry	<i>Portland, Me.</i>	10 W. C.
Lawrence Foster Bower	<i>Alleghany, Pa.</i>	23 M. H.
Walter Andrew Bratten	<i>Stamford, Vt.</i>	2 W. C.
James Jay Brown	<i>Omaha, Neb.</i>	38 M. H.

* Partial Course

Williams College

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Charles Milton Burdick	<i>Lowville, N. Y.</i>	8 E. C.
John Potter Congdon	<i>Wyoming, N. Y.</i>	6 K. H.
James Ray Craighead	<i>Saratoga Springs, N. Y.</i>	5 C. H.
George Griswold Davidson, Jr.	<i>Albany, N. Y.</i>	30 M. H.
Stephen Bradford Davol	<i>Fall River</i>	32 M. H.
William Doherty	<i>Paterson, N. J.</i>	26 M. H.
Louis DeForest Downer	<i>New York City</i>	15 M. H.
Fred Elliott Draper, Jr.	<i>Lansingburg, N. Y.</i>	8 M. H.
Charles Harrod Durfee	<i>Geneseo, N. Y.</i>	3 S. C.
Joseph Oriel Eaton	<i>Cincinnati, O.</i>	31 M. H.
William Seward Elder	<i>Auburn, N. Y.</i>	28 W. C.
Clement Goldsmith Elmer	<i>Peconic, N. Y.</i>	15 W. C.
Charles Wilmer Fitch	<i>Moers, N. Y.</i>	5 W. C.
Wells Hubert Fitch	<i>Brooklyn, N. Y.</i>	18 E. C.
Harry Ernest Foster	<i>Keene, N. H.</i>	23 E. C.
William Bradley Frear	<i>Troy, N. Y.</i>	21 M. H.
Robert Torrington Furman	<i>Topeka, Kans.</i>	Mrs. Sutherland's
Charles Dwight Gates	<i>Peacham, Vt.</i>	26 W. C.
Frederick Day Goodwin	<i>Norfolk, Va.</i>	25 W. C.
William Hardy Gorman	<i>Columbus, O.</i>	3 M. H.
Benjamin Callender Heald, Jr.	<i>Portland, Oregon.</i>	Σ. Φ. Place
Maclay Hoyne	<i>Chicago, Ill.</i>	Δ. Υ. House
Ariel Harris Ide	<i>Troy, N. Y.</i>	8 M. H.
Robert Hutchins Jeffrey	<i>Columbus, O.</i>	X. Ψ. Lodge
Harold Abbot Johnson	<i>Brookfield</i>	29 M. H.
Adam Leroy Jones	<i>Hoopston, Ill.</i>	1 W. C.
Frederick Porter Kimball	<i>Lakewood, N. J.</i>	28 M. H.
Benjamin Weld Knowler	<i>West Troy, N. Y.</i>	10 E. C.
Harry Baldwin Leonard	<i>Chicago, Ill.</i>	Σ. Φ. Place
Arthur Henry Longfellow	<i>Somerville</i>	10 W. C.
George Arthur Lundy	<i>Troy, N. Y.</i>	2 W. C.
Walter Horton Main	<i>Troy, N. Y.</i>	12 E. C.
Allan Marsh	<i>Omaha, Neb.</i>	35 M. H.
William Young Marsh	<i>Jersey City, N. J.</i>	Σ. Φ. Place
Rufus Graves Mather	<i>Morristown, N. J.</i>	7 M. H.
Frederick William Memmott	<i>Newark, N. J.</i>	19 W. C.

Craig Carlton Miller	<i>Miller's Corners, N. Y.</i>	32 M. H.
Edward Clarence Miller	<i>Skaneateles, N. Y.</i>	13 E. C.
Willard Pierrepont Millspaugh	<i>Richmond, N. Y.</i>	28 W. C.
Fred Howard Moffit	<i>Princeville, Ill.</i>	11 K. H.
Guy Hatfield Morgan	<i>Poughkeepsie, N. Y.</i>	21 M. H.
Lewis Arthur Morrow	<i>Princeville, Ill.</i>	11 K. H.
Harrison Albeon Morse	<i>Mansfield</i>	4 W. C.
Harold Phelps Moseley	<i>Westfield</i>	35 M. H.
Henry Marks Nicholls	<i>Lockport, N. Y.</i>	Z. F. House
James Ogilvie	<i>Lawrence</i>	11 W. C.
Frank Silliman Parmenter	<i>Troy, N. Y.</i>	20 M. H.
Stuart Forbés Patterson	<i>Cooperstown, N. Y.</i>	25 W. C.
John Herbert Peck	<i>Pittsfield</i>	18 E. C.
George Fitch Perkins, Jr.	<i>Jersey City, N. J.</i>	Σ. Φ. Place
Clifton Chute Putney	<i>Leominster</i>	19 W. C.
William George Ramsay	<i>New York City</i>	10 S. C.
Stanley Mathews Ramsey	<i>Cincinnati, O.</i>	31 M. H.
Francis William Rawle	<i>Bryn Mawr, Pa.</i>	Mr. Hopkins's
Edward Rowland Richards	<i>West Winsted, Conn.</i>	15 E. C.
Henry Drinker Riley	<i>Philadelphia, Pa.</i>	Mr. Hopkins's
William Chandler Roudenbush	<i>Greenfield</i>	13 E. C.
Arthur Belding Rudd	<i>Poughkeepsie, N. Y.</i>	34 M. H.
John Stewart Russell	<i>Troy, N. Y.</i>	1 M. H.
John Albertson Sampson	<i>Troy, N. Y.</i>	20 M. H.
Henry Gansevoort Sanford	<i>Poughkeepsie, N. Y.</i>	10 M. H.
William Merriam Sawyer	<i>Nashua, N. H.</i>	29 M. H.
William Senger	<i>Port Jervis, N. Y.</i>	5 W. C.
Charles Mills Slocum	<i>Port Jervis, N. Y.</i>	16 S. C.
Monroe Weed Smith	<i>Warsaw, N. Y.</i>	12 K. H.
Arthur Trescott Southard	<i>Brooklyn, N. Y.</i>	Δ. T. Δ. Lodge
Harry Griffen Stephens	<i>Bridge Hampton, N. Y.</i>	17 W. C.
Hermon Arnold Strong	<i>Winsted, Conn.</i>	15 E. C.
Edward Charles Sullivan	<i>North Adams</i>	4 W. C.
Elnathan Sweet, Jr.	<i>Albany, N. Y.</i>	30 M. H.
Ewing Taylor	<i>Poughkeepsie, N. Y.</i>	36 M. H.
James Taylor, Jr.	<i>Southbridge</i>	13 K. H.

Joseph Elmer Tucker	Bradford	33 M. H.
John Daniel Wild	Manchester, Vt.	Prof. Wild's
Luther Blanchard Woodward	South Framingham	1 K. H.
John I. Zoller	Little Falls, N. Y.	12 M. H.

*James Monroe Brown	Mansfield, O.	Δ. T. Δ. Lodge
*Frederick de Peyster Townsend	Melrose	Mr. Sanford's

SOPHOMORES, 91

FRESHMAN CLASS

Frederick Alonzo Alden	Troy, N. Y.	12 W. C.
Arthur Ward Bailey	Quincy	6 S. C.
George Nelson Barrere	Columbus, O.	Mrs. Wardwell's
Francis Edgar Bates	Westfield	11 S. C.
Avery Douglas Billings	Rutland, Vt.	23 W. C.
Edward Dimon Bird	New York City	Mr. Gavitt's
Samuel Phillip Blagden, Jr.	New York City	Mr. Daniels's
Edward Willard Blodgett	Leominster	5 M. H.
John William Bockes	Skaneateles, N. Y.	3 W. C.
Henry Bullard Boynton	West Townsend,	23 W. C.
Allen Eugene Brigham	North Adams	17 W. C.
Horace Greeley Brown	Plainfield, Conn.	4 K. H.
George Kendrick Buck	Manchester, N. H.	6 W. C.
Robert Allyn Budington	Leyden	12 S. C.
Charles Edward Buell	Litchfield, Conn.	Mrs. Sutherland's
Charles Francis Canedy	Shelburne Falls	27 W. C.
Ogden Chapin	Springfield	14 W. C.
John Davol Chapman	Brooklyn, N. Y.	5 M. H.
Sumner Allen Chapman	Hanson	6 S. C.
Ernest Harold Cluett	Troy, N. Y.	16 M. H.
Walter Ward Cooper	Little Falls, N. Y.	22 M. H.
Thomas Bigelow Cowen	New York City	Mr. Hopkins's
Philip H. Dater	Eagle Mills, N. Y.	6 E. C.
Henry Jackson Dean	Lake Mahopac, N. Y.	Mrs. Wardwell's
George Edward Deely	Lee	29 W. C.

* Partial Course

Sylvester Chittenden Deming	<i>Arlington, Vt.</i>	33 M. H.
John Winthrop Dow	<i>Claremont, N. H.</i>	2 M. H.
Clarence Wells Dunham	<i>Troy, N. Y.</i>	12 W. C.
Willis Estey Dunning	<i>Chicago, Ill.</i>	17 E. C.
Edward Calvin Durfee	<i>Geneseo, N. Y.</i>	3 S. C.
Frederic Crook Eastman	<i>Brooklyn, N. Y.</i>	Mr. Wheeler's
Albert Groves Ellinwood	<i>East Pembroke, N. Y.</i>	17 E. C.
Augustus Graves Ely	<i>Cranford, N. J.</i>	28 M. H.
Islay VanHorn Gill	<i>Greenwich, N. Y.</i>	30 W. C.
Theodore Gilman, Jr.	<i>Yonkers, N. Y.</i>	13 M. H.
Leonard Titus Haight	<i>Skaneateles, N. Y.</i>	3 W. C.
William Winn Hartwell	<i>Woburn</i>	1 E. C.
Charles Edward Hayward	<i>Malden</i>	32 W. C.
Charles Avery Hickey	<i>Auburn, N. Y.</i>	22 W. C.
Carroll Olmstead Holmes	<i>Auburn, N. Y.</i>	37 M. H.
George Walter Humphrey	<i>Denver, Colorado</i>	6 M. H.
James Herbert Irish	<i>Skaneateles, N. Y.</i>	16 W. C.
Bernard Kelly	<i>North Adams</i>	29 W. C.
Lincoln Kilbourne	<i>Columbus, O.</i>	10 C. H.
William Kirk, Jr.	<i>Delmar, N. Y.</i>	31 W. C.
Edward Grant Lane	<i>Lansingburgh, N. Y.</i>	10 S. C.
William Andrew Lockwood	<i>Westfield</i>	4 M. H.
Charles Francis Lyon	<i>Auburn, N. Y.</i>	22 W. C.
James Arthur Lytle	<i>Lawrence</i>	32 W. C.
Baldwin McComb	<i>Columbus, O.</i>	10 C. H.
Thomas Corwin McDowell	<i>Medina, O.</i>	2 M. H.
Clinton Sawyer Main	<i>Columbus, O.</i>	9 C. H.
Fred Hulse Mapes	<i>Middletown, N. Y.</i>	13 W. C.
Berthier Whitford Mather	<i>Garratsville, N. Y.</i>	14 C. H.
Clarence Eliud Parker	<i>South Granville, N. Y.</i>	4 S. C.
Nathaniel Willis Parker	<i>South Granville, N. Y.</i>	4 S. C.
Henry Stuart Patterson	<i>New York City</i>	Mr. Sanford's
George Francis Pedrick	<i>Lawrence</i>	3 K. H.
Carroll Augustus Perkins	<i>Wendell</i>	13 W. C.
Arthur Willfred Peters	<i>Albany, N. Y.</i>	6 W. C.
Edmonds Putney	<i>New York City</i>	Mr. Lansing's

Williams College

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James Wells Reed	<i>Richmond Mills, N. Y.</i>	21 E. C.
Henry Preston Richardson	<i>Troy, N. Y.</i>	10 E. C.
Sanford Robinson	<i>North Adams</i>	4 M. H.
Robert Wells Root	<i>Hartford, Conn.</i>	Mr. Lansing's
Henry Cottrell Rowland	<i>Greenwich, Conn.</i>	Mr. Lansing's
Clarence John Russell	<i>Pittsfield</i>	6 E. C.
John Wilthauper Russell	<i>New York City</i>	9 C. H.
Alfred Theodore Schaufler	<i>Kansas City, Mo.</i>	17 M. H.
Willard Dean Shannahan	<i>Green Island, N. Y.</i>	9 W. C.
Theodore Hinman Simmons	<i>Cleveland, O.</i>	18 C. H.
Dwight Gordon Smith	<i>Washington, D. C.</i>	3 K. H.
William Aaron Spangler	<i>Denver, Colorado</i>	6 M. H.
Charles Edward Street	<i>Lee</i>	1 E. C.
Dudley Woodbridge Strickland	<i>Chicago, Ill.</i>	14 C. H.
Everett Henry Thayer	<i>Tarrytown, N. Y.</i>	Mrs. Tenney's
Charles Brooks Thomas	<i>Topeka, Kan.</i>	38 M. H.
William Richardson Thurston	<i>New York City</i>	Mr. Danforth's
Sanford Vail	<i>Stamford, Conn.</i>	13 M. H.
William Groat VanLoon	<i>Albany, N. Y.</i>	23 M. H.
John Edward Welch	<i>Rutland, Vt.</i>	2 K. H.
Karl Ephraim Weston	<i>Winchendon</i>	16 W. C.
Henry Brainard White	<i>Marcellus, N. Y.</i>	27 W. C.
William Williamson	<i>Manchester, N. H.</i>	14 W. C.
Lawrence Swan Woodhull	<i>Brooklyn, N. Y.</i>	
David Moorad Yeretsian	<i>Moosh, Turkey in Asia</i>	11 S. C.

PARTIAL COURSE STUDENTS

Chester Averill	<i>Stockbridge</i>	Mrs. Wardwell's
James McConnell Bailey	<i>Zanesville, O.</i>	Mr. Smith's
Sydney Heatherington Campbell	<i>Cohoes, N. Y.</i>	2 K. H.
Edward Clifford Chisholm	<i>Savannah, Ga.</i>	26 M. H.
Henry Tefft Clarke, Jr.	<i>Omaha, Neb.</i>	Mrs. Wardwell's
George Alfred Cluett	<i>Troy, N. Y.</i>	16 M. H.
Moses Taggart Day	<i>Batavia, N. Y.</i>	21 E. C.
William Charles Waters Durand	<i>New York City</i>	5 S. C.
William Rickcords Folsom	<i>Buffalo, N. Y.</i>	25 M. H.

James Bernard Holbrook	Chicago, Ill.	Mr. Lansing's
James Revel Nave	Kansas City, Mo.	Mrs. Sutherland's
Nelson Buckley Sherrill	Jersey City, N. J.	26 M. H.
Charles Waldron Storke	Auburn, N. Y.	37 M. H.
Howard Stephen Thayer	Tarrytown, N. Y.	Mrs. Tenney's
		FRESHMEN, 100

SUMMARY

GRADUATES,	.	.	.	.	.	2
SENIORS,	.	.	.	.	.	72
JUNIORS,	.	.	.	.	.	73
SOPHOMORES,	.	.	.	.	.	91
FRESHMEN,	.	.	.	.	.	100
TOTAL,						338

SUMMARY BY STATES

NEW YORK,	.	.	.	.	.	133
MASSACHUSETTS,	.	.	.	.	.	81
OHIO,	.	.	.	.	.	23
CONNECTICUT,	.	.	.	.	.	14
ILLINOIS,	.	.	.	.	.	13
VERMONT,	.	.	.	.	.	12
NEW JERSEY,	.	.	.	.	.	12
NEW HAMPSHIRE,	.	.	.	.	.	7
PENNSYLVANIA,	.	.	.	.	.	9
KANSAS,	.	.	.	.	.	7
MISSOURI,	.	.	.	.	.	4
NEBRASKA,	.	.	.	.	.	4
MAINE,	.	.	.	.	.	3
COLORADO,	.	.	.	.	.	2
MINNESOTA,	.	.	.	.	.	2
OREGON,	.	.	.	.	.	2
GEORGIA,	.	.	.	.	.	1
KENTUCKY,	.	.	.	.	.	1
MICHIGAN,	.	.	.	.	.	1
SOUTH CAROLINA,	.	.	.	.	.	1
VIRGINIA,	.	.	.	.	.	1
WASHINGTON, D. C.,	.	.	.	.	.	1
PRINCE EDWARD ISLAND,	.	.	.	.	.	1
TURKEY,	.	.	.	.	.	1
TOTAL,						338
WHOLE NUMBER OF GRADUATES,						3,296

CATALOGUE
OF
WILLIAMS COLLEGE

1893-94

CATALOGUE

OF

WILLIAMS COLLEGE

1893-94

WILLIAMSTOWN, MASS.

PUBLISHED BY THE COLLEGE

1893

CALENDAR

1893—June 21.—COMMENCEMENT Wednesday.

Summer Vacation of Thirteen Weeks.

Sept. 19–20.—Second Examinations for admission, Tuesday
and Wednesday.

Sept. 21.—College Year begins Thursday.

Oct. 8, 9, 10.—CENTENNIAL OF THE COLLEGE.

Nov. 30.—Thanksgiving Day, a holiday Thursday.

Dec. 14–19. — Semi - Annual Examinations, Thursday to
Tuesday.

Dec. 19.—First term ends Tuesday.

Winter Vacation of Two Weeks.

1894—Jan. 4.—Second term begins Thursday.

Jan. 25.—Day of Prayer for Colleges Thursday.

Feb. 22.—Washington's Birthday, a holiday Thursday.

Mar. 22.—Second term ends Thursday.

Spring Vacation of Two Weeks.

Apr. 6.—Third term begins Friday.

May 30.—Memorial Day, a holiday Wednesday.

June 11.—Senior Examinations begin Monday.

June 18–23.—Semi-Annual Examinations Monday to
Saturday.

June 23.—Graves Prize Speaking Saturday evening.

June 24.—Baccalaureate Sermon Sunday forenoon.

June 24.—Mission Park Meeting Sunday afternoon.

June 24.—Address before the Mills Theological Society
Sunday evening.

June 25–26.—Examinations for admission Monday and
Tuesday.

June 25.—Address before the Adelpic Union Monday
evening.

June 26.—Alumni Meeting Tuesday forenoon.

June 26.—Class Day Tuesday afternoon.

June 26.—Prize Rhetorical Exhibition Tuesday evening.

June 27.—COMMENCEMENT Wednesday.

Summer Vacation of Twelve Weeks.

Sept. 18–19 — Examinations for admission Tuesday and
Wednesday.

Sept. 20.—College Year begins Thursday.

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PRESIDENTS

REV. EBENEZER FITCH, D.D., 1793-1815

REV. ZEPHANIAH SWIFT MOORE, D.D., 1815-1821

REV. EDWARD DORR GRIFFIN, D.D., 1821-1836

REV. MARK HOPKINS, D.D., LL.D., 1836-1872

HON. PAUL ANSEL CHADBOURNE, D.D., LL.D., 1872-1881

FRANKLIN CARTER, PH.D., LL.D., 1881-

TRUSTEES

FRANKLIN CARTER, PH.D., LL.D.,

PRESIDENT

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JUSTIN KELLOGG, M.A., Troy, N. Y.

HON. JUSTIN DEWEY, LL.D., Springfield

CHARLES BULKLEY HUBBELL, M.A., New York City

* Deceased.

WILLIAMS COLLEGE

7

HON. JAMES WHITE, M.A.

TREASURER.

REV. CHARLES HENRY BURR, B.A.

SECRETARY.

FINANCE COMMITTEE

CHARLES A. DAVISON

*DERICK L. BOARDMAN

JAMES M. BARKER

FREDERICK F. THOMPSON

FRANCIS L. STETSON

EXECUTIVE COMMITTEE

ROBERT R. BOOTH

WILLIAM W. ADAMS

CHARLES C. HALL

HORACE E. SCUDDER

LIBRARY COUNCIL

THE PRESIDENT OF THE COLLEGE, *ex officio*

THE LIBRARIAN OF THE COLLEGE, *ex officio*

PROFESSOR JOHN H. HEWITT

PROFESSOR LEVERETT W. SPRING

PROFESSOR SAMUEL F. CLARKE

* Deceased.

FACULTY AND OFFICERS

FRANKLIN CARTER, PH.D., LL.D.
President, and Barclay Jermain Professor of Natural Theology

REV. JOHN BASCOM, D.D., LL.D.
Acting Orrin Sage Professor of Political Economy

REV. ARTHUR LATHAM PERRY, D.D., LL.D.
Emeritus Professor of Political Economy

TRUMAN HENRY SAFFORD, PH.D.
Field Memorial Professor of Astronomy

CYRUS MORRIS DODD, M.A.
Professor of Mathematics

JOHN HASKELL HEWITT, M.A.
Garfield Professor of Ancient Languages

REV. EBEN BURT PARSONS, D.D.
Registrar, and Secretary of the Faculty

Jackson Professor of Christian Theology, and Pastor of the College Church

REV. LEVERETT WILSON SPRING, D.D.
Morris Professor of Rhetoric

ORLANDO MARCELLUS FERNALD, M.A.
Lawrence Professor of the Greek Language and Literature

REV. FRANKLIN WESTON BARTLETT, D.D.
Instructor in Hebrew

RICHARD AUSTIN RICE, M.A.
J. Leland Miller Professor of American History, Literature, and Eloquence

REV. CHARLES HENRY BURR, B.A.
Librarian, and Instructor in Biblical Literature

GEORGE MORITZ WAHL, L.H.D.
Assistant Professor of Modern Languages

JOHN EDWARD RUSSELL, M.A.
Mark Hopkins Professor of Intellectual and Moral Philosophy

LUTHER DANA WOODBRIDGE, M.D.
Professor of Anatomy and Physiology

LEVERETT MEARS, Ph.D.
Professor of Chemistry

Massachusetts Professor of the Latin Language and Literature

FRANCIS GREENLEAF ALLINSON, Ph.D.
Assistant Professor of Ancient Languages

SAMUEL FESSENDEN CLARKE, Ph.D.
Professor of Natural History

HENRY LEFAVOUR, Ph.D.
Thomas T. Read Professor of Physics

HENRY MORTON, M.A.*
Assistant Professor of the Romance Languages

FREDERICK TUDOR FARNSWORTH, M.A.
Instructor in Modern Languages

HENRY DANIEL WILD, M.A.*
Assistant Professor of the Latin Language

FRANK JEWETT MATHER, Ph.D.
Instructor in English

IRVING BABBITT, M.A.
Instructor in the Romance Languages

* Absent in Europe

WILLIAMS COLLEGE

HANFORD WISNER EDSON, B.A.
Instructor in Elocution

FREDERICK CARLOS FERRY, B.A.
Instructor in Latin and Mathematics

T. NELSON DALE (GEOLOGIST U. S. G. S.)
Instructor in Geology

JAMES INGRAHAM PECK, Ph.D.
Assistant in Biology

CLARENCE McCHEYNE GORDON, M.A.
Assistant in Physics

EDWARD BARTOW, B.A.
Assistant in Chemistry

RAYMOND DODGE, B.A.
Assistant Librarian

CHARLES FREDERICK SEELEY
Director of the Gymnasium

WILLIAMS COLLEGE

The College owes its origin to an educational bequest of Colonel Ephraim Williams for the purpose of establishing "a Free School" in Williamstown. The charter of this school, which was granted March 8, 1785, reads as follows :

AN ACT for directing the use and appropriation of a charitable donation, made in a certain clause in the last will and testament of Ephraim Williams, Esq., for the support and maintenance of a Free School in Williamstown, in the County of Berkshire ; and for incorporating certain persons as trustees, in order more effectually to execute the intention of the testator, expressed in the same.

WHEREAS, Israel Williams, Esq., and John Worthington, Esq., executors of the last will and testament of Ephraim Williams, Esq., deceased, have represented to this court that the said Ephraim Williams, on the twenty-second day of July, Anno Domini one thousand seven hundred and fifty-five, made his last will and testament ; in which after divers bequests, devises, and dispositions, is contained the following clause, viz. :

Item : " It is my will, desire, and pleasure that the remaining part of the lands, not yet disposed of, shall be sold at the discretion of my executors, within five years after an established peace ; and the interest of the money and also the interest arising from my bonds and notes shall be appropriated towards the support and maintenance of a Free School, in a township west of Fort Massachusetts, commonly called the West Township, forever ; provided, the said township shall fall within the jurisdiction of the province of Massachusetts Bay ; and provided, also, the Governor and General Court give the said township the name of Williamstown ; and it is further my will and desire, that if there should remain any monies of the said above donation for the school, it be given towards the support of a school in the East Township, where the fort now stands ; but in case the above provisos are not complied with, then it is my last will and choice that the interest of the above-mentioned monies be appropriated to some pious and charitable uses, in manner and form as above directed in the former part of my last will and testament."

And, whereas the said executors have further represented, that it may be a matter of doubt and uncertainty whether the township mentioned in the

above recited clause (which is now incorporated by the name of Williamstown) has so far fallen within the jurisdiction of the province of Massachusetts, now Commonwealth of Massachusetts, in the sense of the testator, as that they might be justified in appropriating the said donation to the support and maintenance of a Free School in the said town ; and have submitted their duty to the determination of this court, praying that an act may be passed to declare their duty, and to indemnify them in the execution of the same.

SECTION 1. Be it enacted by the Senate and the House of Representatives, in General Court assembled, and by authority of the same, that the donation made in the clause before recited ought to be presently applied to the use and maintenance of a Free School in the town of Williamstown, in the County of Berkshire, and that in case the said donation shall afford an annual interest more than sufficient for the supporting and maintaining such school in Williamstown, then the surplusage be appropriated to the use and maintenance of a Free School in the tract of land called by the testator East Township, now incorporated by the name of Adams, with other lands adjoining, and that the said executors be, and hereby are, indemnified in applying and appropriating the said donation to the uses above expressed, and shall be liable to no action or suit in law or equity, on account of such appropriations.

And, whereas the said executors have further prayed that for carrying into complete execution the intention of the testator, a corporation may be created and vested with such powers as may be necessary for that purpose,

SECTION 2. Be it therefore enacted by the authority aforesaid, that William Williams of Dalton, Theodore Sedgwick, Woodbridge Little, John Bacon, Thomson Joseph Skinner, Esquires, the Reverend Seth Swift and Daniel Collins, Mr. Israel Jones and Mr. David Noble, and their successors, to be elected and appointed as hereinafter directed and provided, be, and hereby are, incorporated, and shall be a corporation forever by the name of "The Trustees of the Donation of Ephraim Williams, Esq., for Maintaining a Free School in Williamstown" ; and that the said trustees and their successors be, and hereby are, vested with all the powers, rights, and immunities, which are by law incident to aggregate eleemosynary corporations.

SECTION 3. And be it further enacted, that the said corporation shall always consist of a number of not less than seven, nor more than nine persons, excepting only that whenever a vacancy shall happen by death, removal, refusal, or resignation of any member or members, so that the number be reduced to less than seven, the aforesaid number, then the remaining or surviving trustees shall have full power to perform all corporate acts until such vacancy be supplied ; and the said trustees shall elect and appoint a clerk of the corporation, who shall fairly enter and record all votes, acts,

orders, and proceedings made, done, or passed by the trustees; and shall elect a proper person to be their treasurer, who shall receive into his hands all monies belonging to the corporation, and pay the same pursuant to the order of the trustees, and shall always keep a fair account of all receipts and payments.

SECTION 4. And be it further enacted, that the power of electing and appointing successors in case of the death, removal, refusal, or resignation of any of the trustees be, and hereby is, vested solely in the Supreme Judicial Court of this Commonwealth; and whenever any of the above mentioned cases shall happen, the trustees shall, as soon as conveniently may be, certify the same to the Justices of the said court, that a successor may be appointed; and the Justices of the same court are hereby empowered to remove from office and trust any member of the corporation who shall, in their judgment, be unfit to hold the same, by reason of incapacity, misdemeanor, negligence, or breach of trust.

And to the intent that the said donation may not be wasted, mismanaged, or perverted from its original intention,

SECTION 5. Be it further enacted by the authority aforesaid, that the said corporation, and the donation itself, shall always be under the visitation and direction of the Supreme Judicial Court, who are hereby empowered to visit the said corporation to rectify all abuses, to determine all matters of doubt or dispute touching the duty of the trustees, and the use, application, or appropriation of monies or interests to the same donation belonging; and to make all such orders and regulations with respect to the use, management, and appropriation of the same donation and every part thereof, as they shall judge necessary or useful in order to promote the best interests of the school, according to the true meaning and intention of the testator and such laws of this Commonwealth as may be in force respecting the same; and the said court, whenever they shall judge necessary, shall cause the said trustees to come before them, either to render an account of expenditures and dispositions of monies, or to answer for any mismanagement or breach of trust; and the trustees shall appear and lay their accounts, papers, records and corporation books before the said court for inspection, whenever they shall be required thereto.

SECTION 6. And be it further enacted that the said trustees and their successors for ever shall have the possession, management and disposition of the whole interest and estate, real and personal, which is contained in and given, bequeathed, devised, or disposed of by the above recited clause in the will aforesaid; and they are hereby empowered and directed, as soon as conveniently may be, to erect and maintain a Free School within the said town of Williamstown, for the instruction of youth, in such manner as most effectually to answer the pious, generous, and charitable intention of the testator, and agreeable to such orders and instructions as they may, from

time to time, receive from the Supreme Judicial Court ; and they are hereby empowered to appoint and employ instructors, masters, and officers, as shall be necessary for that purpose.

And to the intent that the said trustees may be enabled, in the most easy and expeditious manner, to receive into their own possession and management, the whole estate, property and interest, contained in the aforesaid donation,

SECTION 7. Be it further enacted by the authority aforesaid, that the said executors, shall, at the request of the trustees, make and execute to the said trustees a deed or deeds of conveyance of all such lands or real estate as belong to said donation, and yet remain unsold, in which deed or deeds it shall be expressed that the executors do grant to the trustees the right, estate, and interest of the testator, and of themselves, in and to the described lands or tenements to the trustees and their successors forever ; and the said executors shall deliver over into the hands of the trustees, at their request, all such personal securities or mortgages as the executors now have in their own hands, and which are a part of the same donation ; all which securities, whether bonds, promissory notes, mortgage deeds, or of what name or description soever, being endorsed with the name of the said executors, or one of them, and delivered as aforesaid, shall become the property of the trustees to all intents and purposes ; and they are hereby empowered, in the name of the corporation, to bring any action or actions against the obligors, promissors, mortgagors, or tenants, for recovering the contents of the same securities or possession of mortgaged estates, which action or actions shall be holden to be good and valid in law for that purpose, as if the securities or mortgage deeds had been originally made to the trustees by their corporate names.

And, whereas the testator has directed, that in case his principal donation should afford an interest more than sufficient for the support and maintenance of the school in Williamstown, the surplusage should be improved to the use of a school in the East Township, now called Adams, in the said County of Berkshire ; and whereas questions and disputes may arise touching the (nature) meaning and extent of this part of the will, and when there may be said to be a surplusage beyond what should be necessary, according to the intent of testator, for the support of the school in Williamstown,

SECTION 8. Be it further enacted, that in case of such surplusage, the said trustees are hereby empowered and directed to use and employ the same for erecting and supporting a Free School in the said town of Adams, in the same manner as has been in this act before provided in respect of the school in Williamstown ; and that all questions and disputes that may arise concerning such surplusage, and the duty of the trustees in respect of the several schools, shall be determined by the Supreme Judicial Court ; and the trustees shall always conform their conduct and administration herein

to such orders and determinations as shall, from time to time, be made by the same court.

SECTION 9. And be it further enacted, that the Supreme Judicial Court may, at their discretion, exercise all the powers vested in them by virtue of this act, at any of the sessions holden within the counties of Berkshire or Hampshire ; and in all trials at law, the court, ex-officio, shall take notice of this act to all intents and purposes whatsoever, and the same shall be given in evidence under any general issue.

At their first meeting, April 24, 1785, the trustees passed a resolution to the effect that "it is the sense of the corporation that the Free School in Williamstown be open and free for the use and benefit of the inhabitants of that town and of the free citizens of the American States indiscriminately." They also decided that "it will best coincide with the liberal views of the donor and the intention of the legislature to admit no pupil to the Free School * * * not having been taught to read English well."

As they found it difficult to collect the necessary funds for erecting a building the trustees sent a petition, August 19, 1788, to the legislature "for the grant of a lottery to raise the sum of twelve hundred pounds." The act was passed February 11, 1789, part of which is as follows :

WHEREAS, it appears that it would promote the education of youth to erect a suitable building for the accommodation of the Free School in Williamstown, and the trustees of said school have represented their inability to accomplish the same without the aid of the legislature, and have requested that a lottery may be granted for that purpose :

Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, that there be, and hereby is granted a lottery, for raising a sum not exceeding twelve hundred pounds, the profits of which, after paying the necessary expenses of managing the same, shall be applied for the purpose of erecting the aforesaid building.

The initial step toward a transformation of the Free School into a college was taken at a meeting of the trustees, May 23, 1792. In a petition to the legislature they "humbly showed" what had been done already, and set forth the "several cir-

cumstances attending the situation of the Free School * * * peculiarly favorable to a seminary of a more public and important nature." The petition was granted, and an act to establish the College and to transfer to it the property of the Free School was passed June 22, 1793 :

Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, that there be erected and established, in the town of Williamstown, in the County of Berkshire, a college, for the purpose of educating youth, to be called and known by the name of Williams College, to be under the government and regulation of a body politic and corporate as hereafter in this act is provided.

* * * * *

And be it further enacted by the authority aforesaid, that the clear rents, issues, and profits of all the estate, real and personal, of which the said corporation shall be seized or possessed, shall be appropriated to the endowment of said College in such a manner as shall most effectually promote virtue and piety and the knowledge of such of the languages and of the liberal arts and sciences as shall hereafter be directed from time to time by the said corporation.

* * * * *

And be it further enacted by the authority aforesaid, that all the property, real and personal, belonging to the trustees of Williamstown Free School, be, and the same hereby is vested in the corporation, which by this act is created.

And be it further enacted by the authority aforesaid, that there be, and hereby is granted to the trustees of Williams College, for the use, benefit, and purpose of supporting said college, twelve hundred pounds, to be paid out of the treasury of this Commonwealth ; three hundred pounds of the same to be paid the first day of September, one thousand seven hundred and ninety-three, and three hundred pounds annually, on the first day of September, for the three succeeding years.

February 26, 1796, an additional act was passed, as follows :

WHEREAS, doubts have arisen, whether the rights and credits which, previous to passing the act aforesaid, were vested in and belonging to the trustees of the donation of EPHRAIM WILLIAMS, Esquire, for maintaining a Free School in WILLIAMSTOWN, are by virtue of the same act transferred to and vested in the Corporation of the PRESIDENT AND TRUSTEES OF WILLIAMS COLLEGE ;

Be it therefore enacted by the Senate and House of Representatives, in General Court assembled, and by the authority of the same, that the said rights and credits be and hereby are transferred to and vested in the said Corporation of the PRESIDENT AND TRUSTEES OF WILLIAMS COLLEGE, who are hereby authorized to commence and prosecute to final judgment and execution, any suit or action in law or equity, which the said Trustees of the donation of EPHRAIM WILLIAMS, Esquire, for maintaining a Free School in WILLIAMSTOWN, might heretofore have commenced or prosecuted.

On petition of the trustees the legislature passed an act February 4, 1796, granting the college two townships of land "of the contents of six miles square each, to be laid out and assigned from any of the unappropriated lands belonging to this commonwealth in the district of Maine." The act provided that the trustees "shall cause to be settled fifteen families in each of said townships within twelve years from the passing this resolve ; and also that there be reserved in each township three lots of three hundred and twenty acres each for the following uses, viz., one lot for the first settled minister, one lot for the use of the ministry, and one lot for the use of schools in each of said townships." These lands were sold for about \$10,000, and the proceeds devoted to building East College.

Nine years later the college again appealed to the legislature for assistance. A committee of that body, which investigated the condition and prospects of the institution, made the following report, February 19, 1805 :

"The Committee of both houses, to whom was referred the petition of the President and Trustees of Williams College, praying the aid of government, to enable them to build a chapel for the performance of divine service, and for keeping the college library and apparatus, having examined the origin, rise, and progress of that seminary, from its Institution to the present time, together with the aid heretofore afforded by the government, and the existing state of its funds, beg leave to observe, That the funds granted by the original donor and the government have, in the opinion of the Committee, been judiciously applied to the object of the institution, and with success exceeding the most sanguine expectations, and that the present state of the college affords a reasonable and pleasing expectation of its future extensive benefits to society, and that a chapel for the purposes above mentioned

would essentially promote the same ; and as the encouragement and grants of the government to that college have not been equal to those made to other seminaries in the Commonwealth, the Committee ask leave to report the following Resolve :

*“ Resolved, for reasons set forth in the petition, that there be and hereby is granted one township of land of the contents of six miles square to be laid out and assigned from any of the unappropriated lands belonging to the commonwealth, in the District of Maine, except the ten townships lately purchased of the Penobscot Indians. * * * ”*

In 1809 the legislature granted another township of land in Maine “ for further aid in support of Williams College and for the erecting of other buildings for the convenience of the institution and for the sustaining a professor of the Oriental languages.” The sum of \$9,500 was realized from the last two townships.

The legislature passed an act Feb. 24, 1814, “ for the Encouragement of Literature, Piety and Morality and the Useful Arts and Sciences,” and appropriated the taxes due to the Commonwealth from the Massachusetts Bank, “ for the ten years next to come,” to Harvard, Williams, and Bowdoin. Of this fund Williams received “ three sixteenth parts,” which amounted to \$30,000. In 1859 the State gave the college \$25,000, and in 1868 \$75,000. The total of these legislative gifts is \$153,500.

The principal college buildings, with the dates of their erection and their approximate cost, are as follows: West College, 1790, \$11,700 ; East College, 1798, \$12,400—burned in 1841, rebuilt 1842, \$7,000 ; South College, 1842, \$5,000 ; Griffin Hall Chapel, 1828, \$10,000 ; Hopkins Observatory, 1837, \$3,000 ; Lawrence Hall Library, 1846, \$7,000 ; Kellogg Hall, 1847, \$5,000 ; Jackson Hall, 1856, \$4,000 ; Alumni Hall Chapel, 1859, \$20,000 ; Goodrich Hall, 1864, \$25,000 ; College Hall, 1872, \$5,000 ; Clark Hall, 1882, \$25,000 ; Field Memorial Observatory, 1882, \$8,000 ; Morgan Hall, 1882, \$82,400 ; Lasell Gymnasium, 1886, \$50,000 ; Library Extension, 1890, \$10,000 ; Hopkins Memorial Hall, 1890, \$87,800 ; Thompson Chemical

Laboratory, 1892, \$53,400 ; Thompson Physical Laboratory, 1893, \$53,400 ; Thompson Biological Laboratory, 1893, \$53,400. Total, \$538,300.

The corporate name of the college is The President and Trustees of Williams College.

TERMS OF ADMISSION

Each student who offers himself for admission must present a testimonial of good character from the teacher under whom he was prepared for college

THE COURSE WITH GREEK.

Candidates for admission to the Freshman class in this course must present satisfactory evidence of their qualifications in the following books and subjects :

GEOGRAPHY.—Ancient and Modern.

HISTORY.—Greek to the death of Alexander, and Roman to the reign of Augustus. Smith's *Smaller History of Greece*, or Oman's *History of Greece*, and Leighton's *History of Rome* are recommended.

MATHEMATICS.—Arithmetic, including the metric system. Algebra, through quadratic equations, including radical quantities. Plane Geometry.

ENGLISH.—Each candidate will be required to write a short English composition upon a subject announced at the time of the examination. Subjects will be selected from the following works :

1894.—Shakspeare's *Julius Cæsar* and *Merchant of Venice*, Scott's *Lady of the Lake*, Arnold's *Sohrab and Rustum*, Addison's *Sir Roger de Coverley Papers*, Macaulay's second *Essay on the Earl of Chatham*, Emerson's *American Scholar*, Irving's *Sketch Book*, Scott's *Abbot*, Dickens' *David Copperfield*,

1895.—Shakspeare's *Merchant of Venice* and *Twelfth Night*, Milton's *L'Allegro*, *Il Penseroso*, *Comus*, and *Lycidas*, Longfellow's *Evangeline*, Addison's *Sir Roger de Coverley Papers*, Macaulay's *Essay on Milton*, and *Essay on Addison*. Webster's first *Bunker Hill Oration*, Irving's *Sketch Book*, Scott's *Abbot*.

1896.—Shakspeare's *Merchant of Venice* and *Midsummer Night's Dream*, Milton's *L'Allegro*, *Il Penseroso*, *Comus*, and *Lycidas*, Longfellow's *Evangeline*, Macaulay's *Essay on Milton*,

Webster's first Bunker Hill Oration, De Foe's History of the Plague in London, Irving's Tales of a Traveller, Scott's Woodstock, George Eliot's Silas Marner.

The candidates are expected to read all the books named for the given year. They will also be required to criticise specimens of incorrect English assigned at the time of examination.

LATIN.—Grammar, Allen and Greenough's or Harkness's; translation of simple sentences into Latin prose; Cæsar, four books; Cicero, seven orations; Virgil, the Bucolics and six books of the *Æneid*; translation at sight of passages from easy Latin prose. Equivalent from other authors will be accepted in part. Candidates are expected to pronounce Latin according to the Roman method as set forth in Allen and Greenough's Latin Grammar, § 16, or Harkness's §§ 5, 6 and 7. Harper's Latin Dictionary is recommended.

GREEK.—Hadley and Allen's or Goodwin's Grammar; translation of simple English sentences into Greek; Xenophon, four books of the *Anabasis*; Homer, two books of the *Iliad*; translation at sight of passages from easy Greek prose. One hundred and twelve pages of Goodwin's Greek Reader will be accepted as an equivalent for four books of the *Anabasis*. Candidates are expected to pronounce Greek according to the written accents, and in conformity with §§ 11, 14, 19, 20, and 21 of Hadley and Allen, or according to Goodwin's preface and § 28 of his revised edition. Jones's Greek Prose Composition, or Woodruff's, or pages 105–121 of Al-*linson's* are recommended. The seventh unabridged edition or the intermediate (but not the abridged) edition of Liddell & Scott's Greek Lexicon is also recommended. In order to help pupils to form a correct style, teachers are requested to insist upon the use of simple and idiomatic English in translating Latin and Greek.

THE COURSE WITHOUT GREEK.

Two years of French or German, or one year of either French or German and one year of advanced Mathematics are accepted in place of Greek.

Candidates for admission to the Freshman class in this course must present, in addition to the Mathematics, English,

and Latin specified above, satisfactory evidence of their qualifications in the following books and subjects. Certificates will not be accepted in French and German, but will be accepted in History, while in advanced Mathematics they will be accepted from those schools which have obtained the certificate privilege for this subject by special application.

FRENCH. First Year.—I. Grammar : Part I. of Whitney's French Grammar, or an equivalent covering all the simple grammatical relations and a knowledge of all the irregular verbs ; a readiness in the construction of simple French sentences. II. Reading : About's *Le Roys des Montagnes* or an equivalent consisting of at least two hundred pages of idiomatic and literary prose, but French readers will not be accepted ; ability to read simple French at sight.

FRENCH. Second Year.—I. Grammar : Part II. of Whitney's French Grammar, or an equivalent embracing a fair knowledge of idioms, an understanding of the subjunctive and infinitive, and a considerable vocabulary. Federer's *Materials* is recommended as a book for preparation, and practice in memorizing is suggested as excellent drill for the acquisition and retention of the structural facts of the language. II. Reading : Four classic plays, including one play from Molière, one from Racine and one from Corneille ; three or four hundred pages of nineteenth-century French, preferably fiction and history, but modern French plays will be accepted ; sight reading in works of the class above named.

GERMAN. First Year.—I. Ability to translate at sight simple prose ; in preparation for this the student should have read one hundred and fifty pages of easy narrative prose. II. Proficiency in elementary grammar including the rules for the arrangement of German sentences. Whitney's *Compendious German Grammar* is recommended. There should be some practice in translating connected prose from English into German. Attention should be paid to a distinct pronunciation, for which purpose the memorizing some well known lyrics is suggested.

GERMAN. Second Year.—I. For the examination in 1893 the following books are to be read, although substitutes will be accepted : Eichendorff, *Taugenichts* ; Schiller, *Piccolomini* ; Goethe, *Selections from Dichtung und Wahrheit*, *Werther*, and *Wilhelm Meister* (Hart's edition) and *Hermann and Dorothea* (in full). While reading at sight will be an essential

part of the examination, the candidate will be tested on the works given above with regard to both language and subject matter. II. There will also be an exercise in prose composition, for which purpose the candidate should have translated about forty pages of narrative prose from English into German. For the examination in 1894 the following books are recommended: Chamisso, Peter Schlemiehl; Lessing, Mina von Barnhelm; Schiller, Wilhelm Tell; Goethe, Hermann and Dorothea; Kluge's *Geschichte der deutschen Litteratur* (chapters on Lessing, Schiller, and Goethe, with illustrative selections from these authors).

ADVANCED MATHEMATICS.—I. Solid Geometry, as much as is contained in the ordinary text-books such as Chauvenet (Books VI.—IX.), Wentworth, Wells or Newcomb (Books VIII.—XI.). The examination will also include propositions for original demonstrations dependent on easy deductions from the standard propositions given in the text-books. II. Plane Trigonometry, including Goniometry and the practical use of Logarithmic Tables, as much as is contained in the first chapters of Chauvenet's *Treatise* (omitting the fine print), or the first four chapters of Wentworth's. III. Algebra, the subjects of the properties of Quadratic Equations, Imaginaries, Inequalities, Ratio and Proportions, the Progressions, the Binomial Theorem (with positive whole exponents), Variables and Limits, Series and Complex Numbers as treated in Wentworth's or Wells's *College Algebra*, or in the corresponding chapters in Hall & Knight's or Todhunter's *Higher Algebra*.

HISTORY.—Candidates not offering Greek may substitute for Greek History either Edith Thompson's *History of England* or an equivalent or Scudder's *History of the United States* or an equivalent.

Candidates for admission to an advanced standing must be examined in the studies that have been pursued by the classes which they wish to enter, or in others equivalent.

They may at their option anticipate any prescribed scientific course of the college in Astronomy, Biology, Chemistry, or Physics, and substitute in its place laboratory or other advanced work. Special examinations will be held for this purpose.

Students who come from other colleges and bring certificates of dismissal, may, upon proof of their qualifications, be admitted to a corresponding standing in this college.

ADMISSION BY CERTIFICATE.

The privilege of sending students to this college by certificate is granted to schools which ask for it and which comply with the conditions on which this privilege is given, but it is not granted to private tutors and is revocable in all cases when it is not properly exercised.

Principals of schools who wish their students to be admitted by certificate must furnish the Secretary of the Faculty such information respecting their courses of study and their experience and success in preparing students for college as will enable the Faculty to act intelligently in reference to their applications.

Certificates must be made out on blanks furnished by the Secretary of the Faculty, and in accordance with the instructions contained therein. These certificates must contain an explicit statement of the work done by the candidates and the time devoted to it. If the work covered by the certificate is considerably less than the amount required for admission, or if the time devoted to a given subject is inadequate (for instance less than three years of thirty-six weeks each upon Latin and less than two years on Greek), the certificate will not be accepted for the subject in which the deficiency occurs, though it will remain valid for other subjects. In such cases an examination upon the subjects involved will be required.

No certificate will be accepted for the French and German required for admission for the new course without Greek, nor for an optional examination in science, nor for any part of the work done by a class after admission. A student who has failed to pass the entrance examinations at this or any other college will not be received by certificate unless he has subsequently spent at least a year of study in the school which issues the certificate. For slight deficiencies conditions may be imposed. Certificates must be signed by the principal of the school and if possible sent before Commencement to the Secretary of the Faculty.

ADMISSION TO THE PARTIAL COURSE.

Subject to certain conditions students may pursue a partial course in this college. Each applicant for admission to this course is required to state in writing what preparation he has made, whether he has been rejected at any previous entrance examination, and what studies he wishes to pursue. He must also present a certificate of good character from the school which he has last attended, unless he comes from another college, in which case he must bring a letter of honorable dismissal. Candidates for this course must have studied some foreign language, ancient or modern, for three years, and, unless admitted by certificate, they will be examined in these subjects, and also in the Geography, History, English, and Mathematics required for admission to the Freshman class; but in place of Ancient History, Scudder's History of the United States and Edith Thompson's History of England, or equivalents, will be accepted.

Only those candidates will be admitted who are prepared to enter classes which will give them at least twelve hours of class-room work a week or eleven hours if the entire work is taken with the Freshman class.

Partial-course students who come directly from a preparatory school must take at least seven hours a week with the Freshman class, unless they can anticipate by examination a full year's work in one or more of the Freshman studies, in which case they may take a corresponding number of hours with an advanced class; but, on entering, partial-course students are allowed to take no more than three hours a week of Junior studies and none of the Senior studies unless they can anticipate by examination all the work preparatory to these studies. They must continue each study chosen through the college year unless the instruction in it ends at an earlier date.

Partial-course students must maintain at least twelve hours of class-room work a week, except in the case specified above, and such students may be dismissed at any time if the Faculty are convinced that they are not qualified to do their current work or are not making a good use of their opportunities.

PRELIMINARY EXAMINATIONS.

Students may be examined in a part of the subjects requisite for admission a year before they expect to enter. To prevent interruption in studies which are to be continued in the college course, teachers are requested not to allow their pupils to offer the following subjects at the preliminary examinations : Virgil, Latin Prose Composition, Homer, Greek Prose Composition, Geometry, and English. The subjects required for admission must each be offered as a whole at the preliminary examination. For example, Cicero, Xenophon, or Algebra cannot be divided between the preliminary and final examination.

No credit will be given for the preliminary examination, unless the applicant pass in a substantial part of the subjects offered, and the preliminary certificate will be valid for one year only, unless the examination has been passed in a specially creditable manner.

The examinations for admission, in 1894, will take place at No. 4 Hopkins Hall on the Monday and Tuesday next preceding Commencement, and the Tuesday and Wednesday next preceding the opening of the college year in September, as follows :—

FIRST DAY.

11 A.M.—Registration.

Modern and Ancient Geography.

Greek and Roman History.

2 P.M.—French, German, Greek.

SECOND DAY.

9. A.M.—Latin.

2 P.M.—English.

3½ P.M.—Mathematics.

COURSES OF INSTRUCTION

All the studies of Freshman year and of the first term of Sophomore year are required. For the second and third terms, Sophomores who take the course with Greek may elect either Latin, Greek, or Mathematics. In Junior year and the first term of Senior year, there are ten hours of required work a week and six hours of elective. Four hours of the Junior required work must be either French or German. During the second and third terms of Senior year, the required work is reduced to six hours, while the elective is increased to ten.

In the course without Greek the adjustments of the curriculum for Freshman year only appear in this catalogue, and are as follows :

Freshmen who enter with advanced German in place of Greek will take German 3 and a certain amount of extra reading under the direction of the instructor of that course ; those who have entered with advanced French will take German 1 and French 3 with extra reading in French ; those who have entered with advanced Mathematics and German will take German 2 and Mathematics 4 with extra work in Mathematics ; those who have entered with advanced Mathematics and French will take German 1, French 2, and Mathematics 4 with extra work in Mathematics.

DEPARTMENT OF LANGUAGE AND LITERATURE

GREEK

Professors FERNALD and HEWITT and Mr. FERRY.

1. *Herodotus*.—Portions of his histories as found in Fernald's Selections. While the principal object of this course is to acquire familiarity with the style and matter of Herodotus, the work is interspersed with oral and written exercises in review of the grammatical forms and with reading at sight.

Freshman required course. Four hours a week during the first term.

Professor FERNALD.

2. *Homer*.—Books IV., VI., VII. of the *Odyssey* will be read and some of the principal Homeric questions will be discussed in lectures. The students are encouraged to read beyond the limits prescribed for the class. For such work, if carefully done without neglect of the regular duties, special credit will be given.

Freshman required course. Three hours a week during the second term.

Professor FERNALD.

3a. *Lysias*.—Bristol's edition will be used. Special attention will be given to the political and social allusions which abound in the orations of Lysias. There will also be lectures, illustrated with photographs and other material, upon Greek Architecture and Antiquities.

Freshman required course. Three hours a week during the third term.

Professor FERNALD.

3b. *Greek Prose Composition*.—Freshman required course. One hour a week during the third term.

Mr. FERRY.

4. *Plato and Sophocles*.—The *Apology* and *Crito* of Plato and the *Antigone* of Sophocles. Lectures on Pre-Socratic Greek Philosophy.

Sophomore required course. Three hours a week during the first term.

Professor HEWITT.

5. *Æschylus and Aristophanes*.—In the second term the class will read the *Prometheus* of Æschylus and do original work in Greek Syntax. A portion of the time will be given to lectures on the Greek Drama. In the third term one exercise a week will be devoted to the reading of Aristophanes. In place of the second exercise each member of the class will be required to do editorial work upon a portion of one of the Greek plays.

Sophomore elective course. Three hours a week during the second and third terms.

Professor HEWITT.

6a. *Plato and Xenophon*.—The *Symposium* of each will be read. One exercise a week will be devoted to Greek Archæology with special study of early Greek Sculpture. Overbeck's *Antike Schriftquellen* will be used as the basis of this study.

Senior and Junior elective course. Three hours a week during the first term.

Professor HEWITT.

6b. *Demosthenes*.—The oration *On the Crown* will be read from D'Ooge's edition. Parts of the speech of Æschines against Ctesiphon will be read as an introduction to the subject matter of the great oration of Demosthenes. The student should read, before beginning the study of the oration, chapters 86-90 and 95 of Grote's *History of Greece*, and constant reference to chap-

ters 89 and 90 will be necessary while reading the oration. Curtius's History, vol. v., pages 225—end, treats of the same period.

Elective course for Seniors and Juniors. Three hours a week during the second term. Professor FERNALD.

6c. *Greek Lyric Poetry*.—Lectures will be given in connection with the reading of selections from the edition of Buchholz.

Senior and Junior elective course. Three times a week during the third term. Professor HEWITT.

LATIN

Professor HEWITT, Assistant Professor ALLINSON, and Mr. FERRY.

1. *Livy*.—Books I. and XXI. Reading at sight Book XXII., Wescott's edition. Especial attention will be given to the topography of Rome in connection with Book I., and to the history of the times in connection with Books XXI. and XXII.

Freshman required course. Three hours a week during the first term. Assistant Professor ALLINSON.

2a. *Horace*.—Odes. Lectures on the Archæology and Topography of Rome.

Freshman required course. Three hours a week during the second term. Professor HEWITT.

2b. *Latin Prose Composition*.—Exercises.

Freshman required course. One hour a week during the second term. Assistant Professor ALLINSON.

3. *Tacitus*.—*Agricola* and *Germania* with rapid and sight reading of portions of the *Annals* and *Histories*.

Freshman required course. Four hours a week during the third term. Assistant Professor ALLINSON.

4. *Plautus and Terence*.—Selections.

Sophomore required course. Three hours a week during the first term. Mr. FERRY.

5. *Cicero and Pliny*.—Letters, with attention to the life and times of these authors. Private life and customs of the Romans.

Sophomore elective course. Three hours a week during the second and third terms. Assistant Professor ALLINSON.

6a. *Plautus and Terence*.—*Cicero and Quintilian*.—Two exercises a week will consist of the reading of these authors beginning with the *Captivi* of

Plautus in the first term and continuing with other comedies. In the second term, Cicero, Brutus de Claris Oratoribus and Quintilian Book X. Private parallel reading will be assigned.

One exercise a week through the two terms will be devoted to a rapid survey of Latin Literature from Livius Andronicus to the authors of the post-Augustan age.

Especial attention will be paid to the Greek sources of Latin Literature.

Junior and Senior elective course. Three exercises a week during the first and second terms. Assistant Professor ALLINSON.

6b. *Tacitus*.—The Annals. Selections will also be read from Suetonius and Velleius Paterculus. Special attention will be given to the study of the life and character of Tiberius.

Senior and Junior elective course. Three exercises a week during the third term. Professor HEWITT.

ENGLISH

Professor SPRING, Dr. MATHER, and Mr. EDSON.

1. *Rhetoric*.—In this course Genung's Practical Rhetoric is studied as a text-book, but the hour is mainly devoted to written exercises on composition, beginning with training in the accurate observation and description of natural objects, and passing later to the construction of essay and oratorical outlines.

Freshman required course. One hour a week during the second and third terms. Mr. EDSON.

2. *Historical English*.—This course will embrace the development of the English language and literature from the Saxon Conquest to the end of the fourteenth century.

(a) First term.—Anglo-Saxon language and literature.

(b) Second and third terms.—Middle English with extended reading in Chaucer.

Text-books: Bright's Anglo-Saxon Reader, Sweet's First Primer of Middle English, Skeat's Chaucer's Prologue, and Legend of Good Women. Lectures. Essays by the class.

Junior elective course. Three hours a week during the year.

Dr. MATHER.

3. *Literature of the Nineteenth Century*.—Study of the Romantic Movement in English poetry and of the more important poets of the first quarter of the century. Coleridge and Wordsworth will be principally studied. Scott, Byron, Shelley, and Keats will be studied as time may permit. Essays by the class.

Junior elective course. Three hours a week during the second half year.
May be substituted for English, 2a. Dr. MATHER.

4. *Literature of the Age of Elizabeth*.—Selections from Marlowe, Shakspeare, Spenser, Bacon, and Milton will be discussed in the class-room. A course of outside reading will be assigned from Peele, Jonson, Browne, and others.

Elective course for Seniors. Three hours a week during the year.

Professor SPRING.

5. *Outlines of the Development of English Literature*.—This course consists partly of lectures and partly of text-book work. It is the purpose of it to investigate in a general way the rise and progress of English literature.

Senior required course. Two hours a week during the second term and three hours during the third. Professor SPRING.

6. *Essays and Orations*.—During Freshman year two essays are submitted for individual criticism ; during Sophomore year, one oration and two essays ; during Junior year, two essays and one oration ; during Senior year two essays. Professor SPRING and Dr. MATHER, and Mr. EDSON.

7. *Elocution*.—The work of the Freshman year consists of individual drill in declamation, both in private and before small divisions of the class. Six of these rehearsals are required from each student.

The required work in the Sophomore year consists of training in the delivery of orations, during the first term. This work may, at the option of the student, be continued through the second term, and is required of competitors for the oratorical prizes.

In the Junior and Senior years the delivery of orations is optional, except for those who wish to compete for prizes or to be considered eligible for appointment as speakers upon the Commencement stage.

Opportunity for systematic work in voice development and gesture is afforded to members of all classes through concerted exercises given four times a week during the second term. In connection with these exercises, individual instruction is given to students desiring special work, either in voice building or expression, as a preparation for public speaking.

Mr. EDSON.

FRENCH

Mr. FARNSWORTH and Mr. BABBITT.

1. *French*.—Whitney's Grammar, Part I. Génin's *Le Petit Tailleur Bouton*, Dumas' *Le Duc de Beaufort*, Mérimée's *Columba*, Sandeau's *Mlle. de la Seiglière*.

Freshman required course. Three hours a week during the year.

Mr. FARNSWORTH.

2 *French*.—Whitney's French Grammar, Part II. Written exercises in translating from English into French. Selections from French lyrics and the works of Corneille, Racine, and Molière. Collateral reading from French history and literature of the nineteenth century. Reading at sight. Lectures on French literature.

Junior elective course. Four hours a week during the year.

Mr. FARNSWORTH and Mr. BABBITT.

3. *French*.—Molière and Victor Hugo. Private readings from these authors; lectures on Molière, Hugo, and the literature contemporary with them. French prose composition, Heath's series.

Senior elective course. Three hours a week during the year.

Mr. BABBITT.

GERMAN

Assistant Professor WAHL and Mr. FARNSWORTH.

1. *German*.—Whitney's Grammar. Reading of modern prose and German lyrics. Memorizing of proverbs and short poems. Reading at sight.

Sophomore required course. Three hours a week during the year.

Assistant Professor WAHL.

2. *German*.—Chamisso's Peter Schlemiehl; Lessing's Minna von Barnhelm; Freytag's Aus dem Staate Friedrich's des Grossen; Goethe's Hermann und Dorothea; Kluge's Litteratur-Geschichte, with illustrative selections. Oral practice. Syntax and composition. Incidental lectures.

Junior elective course. Four hours a week during the year.

Assistant Professor WAHL and Mr. FARNSWORTH.

3. *German*.—Lessing's Emilia Galotti; Schiller's Maria Stuart; Goethe's Iphigenia; Goethe's Faust; Kluge's Geschichte der deutschen National-Litteratur, with collateral reading. Practice in writing German. Lectures in German.

Senior elective course. Three hours a week during the year.

Assistant Professor WAHL.

SPANISH

Mr. BABBITT.

Manning's Spanish Grammar; Castelar's La Hermana de la Caridad; Cervantes' Don Quixote.

Senior elective course. Four hours a week during the second and third terms.

ITALIAN

Mr. BABBITT.

Gradgent's Italian Grammar ; De Amicis, *Il Cuore* ; Dante's *Divina Commedia* ; lectures on Dante and the period of Italian Literature which preceded him.

Senior and Junior elective course. Three hours a week during the year.

DEPARTMENT OF BIBLICAL STUDY

Dr. BARTLETT and Mr. BURR.

1. *Christian Evidences*.—Fisher's Manual.

Freshman required course.

Mr. BURR.

2. *Introduction to the New Testament*.—One of the Gospels is selected as the basis of the study, the Greek text used being Dr. Riddle's revision of Robinson's *Harmony of the Gospels in Greek*, and the *Cambridge Greek Testament*. The critical work includes an examination of the text, with its variation in manuscripts, versions, and patristic quotations. Each section of the Gospel is studied in its relation to other accounts, and with reference to its chronological order. The more practical investigation of the subject is conducted on the line indicated in Dr. Harper's *Inductive Bible Studies*.

Senior elective course. Four hours a week during the second and third terms.

Mr. BURR.

3. *Hebrew*.—The underlying facts of the language, as disclosed by the first part of *Genesis*, are made the basis of grammatical instruction. More systematic study of the Grammar is required later on. Passages from different authors, to illustrate Hebrew idioms and modes of thought, are frequently presented. New words, as they are learned, and other words of frequent occurrence, are used in written and oral exercises in rendering English into Hebrew and Hebrew into English. Enlargement of the student's vocabulary is thus gained as well as increased familiarity with grammatical forms.

Senior elective course. Three hours a week during the year.

Dr. BARTLETT.

**DEPARTMENT OF PHILOSOPHY, HISTORY, POLITICAL
AND SOCIAL SCIENCE****PHILOSOPHY**

President CARTER and Professor RUSSELL.

1. *Natural Theology*.—Flint's Theism. Senior required course. Three hours a week during the first term. President CARTER.

2. *Logic*.—The aim of this course is practical rather than theoretical; and the instruction is given mainly in connection with such exercises as are adapted to afford the student a comprehension of logical principles and to enable him to apply them to the various forms of reasoning and investigation.

Junior required course. Three hours a week during the first term.

Professor RUSSELL.

3. *Psychology*.—This study is designed to be a preparation for advanced courses in Psychology and Philosophy, which follow in the Senior year. Mind is studied in its connection with the nervous system and its functions, and nothing more is attempted than to gain a general view of mental phenomena and mental development.

Junior required course. Three hours a week during the second and third terms.

Professor RUSSELL.

4. *Introduction to Philosophy*.—Three sub-courses are included under this general subject. The first of these courses will be devoted to the chief questions relating to the *nature*, *sources*, and the *limits* of human knowledge.

The second course will have for its subject Ethics. Special prominence will be given to the theory of Evolution and its possible bearings upon moral distinctions. The study will also include a critical examination of Ethical theories.

In the third sub-course the subject will be the sources and grounds of religious faith, and a prominent aim of the course will be to determine the true relation of philosophy to Christian faith.

Senior required course. Three hours a week during the first term, and two hours a week during the second term.

5. *Advanced Psychology*.—The work embraced in this course will consist of an outline study of Physiological Psychology, to be followed by the study of abnormal phenomena, such as Hallucinations, Dreams, Hypnotism, Telepathy, and allied phenomena.

Elective course for Seniors. Three hours a week during the first term.

6. *History of Philosophy*.—The aim of this course will be to enable the student to comprehend the historic development of Philosophy and its connection with civilization. The various systems of Philosophy will be studied in their origin and mutual relation, and, so far as practicable, in the writings of their chief representatives.

Elective course for Seniors. Three hours a week during the second and third terms.

HISTORY

Professor RICE.

1. *General History*.—This course is intended to serve as an introduction to the study of History. The outlines of European History and Geography are given by lectures; certain periods of English History are studied in a text-book, of which written summaries are made.

Sophomore required course. Three hours a week during the second and third terms.

2. *American History*.—This is a continuation of course 1; the history of America is followed to the middle of the eighteenth century. Lectures are given on the directions and systems of colonization which followed the age of discovery, and on the political relations of Europe and America during the period studied.

Junior required course. Three hours a week during the first term.

3.—*European History*.—This course begins with the study of certain important epochs in the general history of Europe: in the latter half of the year the political and constitutional development of individual states is followed.

Elective course open to Juniors and Seniors for one year. Three exercises (six hours) a week during the year.

4. *American History*.—A study in detail of periods in the history of the United States. The course is intended for those who have become acquainted with the methods of historical study pursued in course 3.

Senior elective course. Four exercises (eight hours) a week during the second and third terms.

The aim of the two elective courses is to acquaint the student with the methods of historical study, as applied to the politics and institutions of Europe and the United States. Lectures, text-books, examinations, oral and written reports upon assigned topics are made use of to secure this end.

POLITICAL AND SOCIAL SCIENCE

Professor BASCOM.

1. *Political Science*.—The following sub-courses, which will be given consecutively, are included in this course:

- (a) The Principles of Jurisprudence. Lectures.
 - (b) The Constitution of the United States. Andrews's Manual.
 - (c) The Historical Development of the Constitution to the present time. Lectures.
 - (d) The English Constitution. Lectures.
 - (e) English Constitutional History. Lectures.
 - (f) Municipal Law, Civil Law, Canon Law, Common Law. Lectures.
 - (g) International Law. Lectures.
- Senior elective course. Three hours a week during the year.

2. *Political Economy*.—Political economy is first studied as an abstract science, treating of certain specified relations. It is then taken in connection with sociology, as modified by the circumstances under which its principles are applied. Text-book and Lectures.

Junior required course. Three hours a week during the second and third terms.

3. *Sociology*.—The aim of this course is to give Economics, Ethics and Civics their true and immediate bearing on our social life. Lectures.

Senior required course. Two hours a week during the second term and three hours a week during the third term.

DEPARTMENT OF MATHEMATICS AND SCIENCE

MATHEMATICS AND ASTRONOMY

Professors DODD and SAFFORD and Mr. FERRY.

1. *Algebra*.—Logarithms. Theory of Equations.

Freshman required course. Four hours a week during the first term.

Professor DODD.

2. *Geometry*—solid and spherical. *Conic Sections*.—Loomis.

Freshman required course. Five hours a week during the second term.

Professor DODD.

3a. *Trigonometry and its Applications*.—Mensuration. Surveying and Navigation.

Freshman required course. Four hours a week during the third term.

Professor DODD.

3b. *Field Work in Surveying*.—In connection with course 3, each student will receive instruction in the practical use of surveying instruments, including determination of heights, simple triangulation, and the measurement of areas and levelling.

Mr. FERRY.

4. *Plane Analytic Geometry*.—The course includes the study of the

straight line, the circle, the parabola, the ellipse and the hyperbola, as given in Wentworth's *Analytic Geometry*, omitting the supplementary propositions.

Sophomore required course. Three hours a week during the first term.

Mr. FERRY.

5. *Elementary Differential and Integral Calculus*.—The Method of Limits will be employed.

Elective course for Sophomores. Three hours a week during the second and third terms.

Professor SAFFORD.

6. *Elementary Astronomy*.—Lectures upon the history of the science, and upon its modern developments. Practical exercises with portable instruments, and with fixed instruments in the observatory.

Junior elective course. Three hours a week.

7. *Mathematics*.—Introduction to Modern Geometry. Lectures and exercises. Chauvenet's *Spherical Trigonometry*, *Advanced Calculus*; Osborne's *Calculus*, with references to other works.

Junior elective course. Three times a week during the year.

8. *Integral Calculus*.—Osborne, with geometrical, numerical, and other applications.

Senior elective course. Three hours a week during the year.

Professor SAFFORD.

9. *Exercises in Practical Astronomy*.—The instruments employed, besides time-pieces, are the sextant, transit instrument, universal instrument, and equatorial. The object of the course is to give a more practical knowledge of the subject, and some facility in handling instruments and the formulæ of computation.

Senior elective course. Three hours a week during the year.

Professor SAFFORD.

10. *Mathematics*.—At the option of the student, this course will consist, either of a review of elementary subjects in preparation for teaching, or of the reading of Gauss's *Theoria Motus Corporum Coelestium*. In the former case, lectures on the development of the science will be given, together with instruction in the theory of teaching it. Collateral reading will be required, to familiarize students with the literature of elementary mathematics not included in the ordinary text-books. Especial stress will be laid on the *Modern Geometry*.

Senior elective course. Four hours a week during the second and third terms.

Professor SAFFORD.

11. *Astronomy*.—A course of instruction in *Practical Astronomy* is offered to graduates or persons qualified to pursue it. It will include the following

subjects: Theory and Use of Instruments; the Art of Computation; the Method of Least Squares; Reduction; Criticism and Discussion of Observations; Computation of the Orbits of Comets and Planets, and, for those sufficiently advanced, Special and General Perturbations. Students who wish to pursue Geodesy instead of Astronomy proper can substitute triangulation and the Figure of the Earth for certain portions of Astronomy. Mathematical subjects not included in the college course will be taken up so far as is necessary. Every encouragement will be given to qualified persons to carry on independent research in these branches. Direction will also be given to the studies of students who wish to prepare themselves to become teachers of Mathematics in the lines indicated by Professor Safford in his monograph "Mathematical Teaching and its Modern Methods."

The astronomical department of the college possesses two observatories for illustration and scientific investigation. The older was built by Professor Albert Hopkins in 1838, and contains an equatorial by Phelps of Troy, with an object glass by Alvan Clark, Senior, which has an aperture of $7\frac{1}{2}$ inches. This instrument was constructed about 1852 and is interesting as an early example of Clark's optical work. It is employed for gazing purposes and the observation of occasional phenomena. The other rooms of the Hopkins Observatory contain a transit instrument by Troughton and Simms, with an aperture of $3\frac{3}{4}$ inches; this is now but little used, as it is replaced by a more modern apparatus.

In another part of the town a piece of ground, comprising five acres and a half, was purchased in 1881, for astronomical purposes. At present this enclosure contains the Field Observatory, an iron meridian house, built at the expense of the Hon. David Dudley Field, together with a hut for the accommodation of portable instruments. The main instrument of this Observatory is a fine meridian circle by the Repsolds of Hamburg, with a telescope of $4\frac{8}{16}$ inches aperture and a circle divided to $2'$ of arc, reading by four microscopes to single seconds directly. The meridian circle is provided with the necessary clock, chronograph, and collimators. In addition, the department of astronomy is provided with a large number of portable instruments, among which are two telescopes for gazing purposes and a portable transit with Zenith telescope attachment, as well as an astronomical theodolite. There are also several instruments of reflection, including a sextant of the best kind, a prismatic circle and several sailors' octants, with chronometers and artificial horizons and other small pieces of apparatus.

CHEMISTRY

Professor MEARS and Mr. BARTOW.

The department of chemistry occupies the Thompson Chemical Laboratory, a building devoted solely to chemical work. It contains three large

laboratories, lecture and recitation rooms, private laboratories and a reference library, all supplied with the best modern appliances. The work is divided into the following courses :

1. *General Chemistry*.—This course aims to teach the principles of the science in connection with the study of the non-metallic elements. It is also preliminary to the elective courses. Instruction is given by lectures and recitations, supplemented by work in the laboratory, to which one third of the time is devoted. A fee of three dollars is required of each student to defray the cost of chemicals.

Sophomore required course. Four times a week during the second term.

2. *Chemistry*.—While instruction in the metallic elements and their compounds is given by lectures and examinations, this course is chiefly devoted to practical work in the laboratory. Two hundred analyses of the more important metallic and mineral substances are required of each student with examinations on the processes involved. The third term is occupied with lectures and examinations on the compounds of carbon. A fee of fifteen dollars is charged.

Junior elective course. Three exercises (nine hours) a week during the year.

3. *Chemistry*.—In this course the work is devoted principally to quantitative analysis, preparation of chemical substances and a study of chemical theories. The analytical work embraces the estimation and separation of the more important metals and acids, and the analysis of water, milk, etc., and, for those desiring it, work in medical chemistry. The lectures on theoretical chemistry discuss the history of the atomic and molecular weights, and modern theories of the science. A fee of twenty-five dollars is charged.

Elective course for students who have taken courses 1 and 2. Three exercises a week during the year.

The above courses are also open to graduates, and advantages are offered for advanced work in all branches of the science.

PHYSICS

Professor LEFAVOUR and Mr. GORDON.

The work of the department of physics is carried on in the recently erected Thompson Physical Laboratory. This building contains, in addition to a well appointed lecture room, a recitation room, separate laboratories for the work of the different classes, a department library, and rooms especially arranged for advanced work in electricity, magnetism, light, and chemical physics. Power is furnished by a Westinghouse engine of fifteen-horse power, and the electrical equipment includes a five-kilowatt dynamo, several types of small dynamos and motors, Weston measuring instruments, galvanometers, etc. The courses of study are as follows :

1. *General Physics*.—The instruction includes lectures with experimental demonstrations, oral and written recitations. A printed abstract of the lectures is used as a text-book, and Barker's Physics as a book of reference. The first term is devoted to kinematics, dynamics and sound, the second to heat and light, and the third to electricity. The purpose of the course is to state and explain the general principles of the science, to find their application in the experiences and phenomena of daily life, and incidentally to serve as an introduction to the scientific method of thought and research. A knowledge of elementary mathematics including plane trigonometry is essential.

Sophomore required course. Three hours a week during the year.

Professor LEFAVOUR.

2. *Elementary Practical Physics*.—The course consists of a series of physical measurements in the laboratory, together with lectures on the methods and principles involved. The first term is devoted to the study of general physical processes such as measurements of length, area, volume, and mass, and determinations of the constants of elasticity, capillarity, tenacity, and gravity. The remainder of the year is devoted to measurements in sound, heat, light, and electricity. For those who desire it a course in chemical physics is arranged, to take the place of the work in electricity. The manuals of Stewart and Gee and of Glazebrook and Shaw are used. In addition to giving the student a familiarity with the principles and methods of physical measurements, particular attention is paid to the training of the senses in accuracy in observation and manipulation. A fee of twelve dollars is required.

Elective course for Juniors and Seniors, and special students who have taken course 1. Three times (six hours) a week during the year.

Professor LEFAVOUR and Mr. GORDON.

3. *Advanced Physics*.—Two advanced courses in physics are offered during the current year, each consisting of three exercises a week of two hours each. A fee of ten dollars will be charged for each course.

(a) *Electrical Engineering*.—In this course the student studies the principles of electromagnetism both by laboratory exercises and by text-book, and then takes up the principles of the construction and action of dynamos and motors, using S. P. Thompson's Dynamo-Electric Machinery as a text-book, and making practical tests in the laboratory. The course concludes with the consideration of the distribution of currents, the planning of lighting installations, etc.

(b) *Advanced Practical Physics*.—Students in this course will take up the investigation of certain physical problems under the direction of the professor.

4. *Mathematical Physics*.—This course is open only to those who have studied the differential and integral calculus. It will consist in a study of analytical mechanics and the application of mathematics to the solution of physical problems.

Professor LEFAVOUR.

During the current year instruction in drawing will be given, outside of the regular college course, to aid those who are to enter a technical school after graduating from college. By properly choosing their college electives graduates will thus be able to enter the third year of a technical school.

BIOLOGY

Professor CLARKE and Dr. PECK.

1. *Biology*.—An introductory study consisting of lectures supplemented by lessons from Sedgwick and Wilson's *Biology*, and by laboratory practice. The purpose is to set forth the relations of living and non-living matter; the structure of living matter; and the relations of animals to plants. The structure and life history of a fern and of a flowering plant are described and illustrated; and an invertebrate and a vertebrate are similarly studied. The course is concluded with lectures on Variation, Overproduction, the Struggle for Existence, and Natural Selection.

Sophomore required course. Four hours a week during the third term.

Professor CLARKE.

2. *Biology*.—This course is based on course 1, and on the required Chemistry and Physics. The work is the comparative Anatomy and Histology of Vertebrates, from fish to mammal inclusive; the types examined being fresh specimens of an Elasmobranch, the Skate, a Teleost, the Cod, the Frog and the Tadpole, the Alligator, the Pigeon and the Rabbit. It is completed with a study of the structure and significance of the quasi Vertebrates, the Amphioxus, the Tunicata, and Balanoglossus. In connection with these latter forms, the question of the ancestry of the vertebrate group is introduced. The exercises consist of lectures and laboratory practice.

Junior elective course. Three times (six hours) a week during the year.

Dr. PECK and Professor CLARKE.

3. *Biology*.—Work with the microscope is continued in this course. Instruction is given in the use of the camera-lucida, the accurate measurement of microscopic objects, and the most important methods of preserving, cutting, staining, and mounting specimens and sections. There is also a course of instruction in the Invertebrates with laboratory study. Another portion of the year is devoted to a study of representatives of the different groups of cryptogamic plants, with special attention to bacteria, and their relation

to health and disease. A course of six weeks with laboratory practice is offered in the embryology of the chick. Where it is practicable an opportunity will be given to those who are to become teachers of Biology to carry on original investigations in conjunction with the Professor.

Senior elective course. Three times (six hours) a week during the year.

Professor CLARKE and Dr. PECK.

The facilities for work in Biology have been greatly increased by the completion of the new Thompson Biological Laboratory. This is a large building of four stories, about eighty by seventy-five feet, and contains a laboratory for each course of work, a lecture-room, library, collection room, aquarium room, etc. The laboratory is well equipped with microscopes, microtomes, collections, and all the appliances for general and advanced work. A small departmental library is maintained, consisting chiefly of home and foreign journals in various branches of Biology. These are for the use of the members of the elective and of the "Lyceum of Natural History." The latter is a student organization founded in 1835. It holds meetings fortnightly, when reports and abstracts from the current biological literature are read and discussed. This secures a valuable training in the bibliography of science; an acquaintance with the problems and discoveries of the day in Biology, as well as some experience in the public presentation of original matter. Jackson Hall was erected by the late Nathan Jackson for the use of the Lyceum. It contains many artificial and natural objects sent to the college by its missionary graduates, together with the collections of the scientific expeditions which the department, through the liberality of the late Dr. William J. Walker, is able to undertake every fourth year. The college has the privilege of sending, each summer, one student to the large and finely equipped laboratory of the United States Fish Commission at Wood's Holl, Massachusetts, and one to the Marine Biological Laboratory at the same place.

HYGIENE, ANATOMY, AND PHYSIOLOGY

Professor WOODBRIDGE.

1. *Hygiene*.—A series of lectures for Freshmen dealing with matters pertaining to the health and habits of study. Each member of the class is subjected to an examination of heart, lungs, and eyes for the purpose of giving him any personal suggestions that may seem advisable. One hour a week during the first term.

2. *Anatomy and Physiology*.—Anatomy is studied only so far as it may be necessary to an intelligent discussion of Physiology. An effort is made to exhibit not only the results but also the methods of physiological research.

Lectures supplemented by a printed syllabus. Kirke's Physiology, Landois and Sterling's Manual of Human Physiology, Foster's Physiology, and Ladd's Physiological Psychology are suggested as text-books.

(a) *Nervous System*.—In this course special attention is given to the nervous system with reference to its relations to psychological processes and problems.

Junior required course. Three hours a week during the first half of the second term.

(b) *General Anatomy and Physiology*.—Senior required course. Four hours a week during the first term.

During the summer term, at the request of successive Senior classes, a short course of lectures has been given on practical questions relating to the hygiene of the home.

GEOLOGY

Mr. DALE.

This course consists of lectures and recitations on Geology and Mineralogy, several geological excursions, and the preparation of papers on assigned subjects. Archibald Geikie's Class-Book of Geology (edition of 1892) will be used as an introduction.

In this course the various departments of Geology will be subordinated to geological history.

Senior elective course for the second and third terms. Four hours a week.

EXHIBIT OF STUDIES

The unenclosed figures refer to the Courses of Instruction as arranged according to Departments in the preceding pages, and the figures in parentheses indicate the number of exercises a week for each course.

FRESHMAN YEAR.

REQUIRED COURSES.

<i>First Term.</i>	<i>Second Term.</i>	<i>Third Term.</i>
Biblical Study 1, (1)	English 1, (1)	English 1, (1)
French 1, (3)	English 7,	English 7,
Greek 1, (4)	French 1, (3)	French 1, (3)
Latin 1, (3)	Greek 2, (3)	Greek 3 a, (3)
Mathematics 1, (4)	Latin 2 a, (3)	Greek 3 b, (1)
Physical Training	Latin 2 b, (1)	Latin 3, (4)
Physiology 1, (1)	Mathematics, 2, (5)	Mathematics 3a, (4)
	Physical Training,	Mathematics 3 b,

Freshmen who have entered with advanced German in place of Greek will take German 3 and a certain amount of extra private reading under the direction of the instructor of that course; those who have entered with advanced French will take German 1 and French 3 with extra private reading in French; those who have entered with advanced Mathematics and German will take German 2 and Mathematics 4 with extra work in Mathematics; those who have entered with advanced Mathematics and French will take German 1, French 2, and Mathematics 4, with extra work in Mathematics.

SOPHOMORE YEAR.

REQUIRED COURSES.

<i>First Term.</i>	<i>Second Term.</i>	<i>Third Term.</i>
English 6,	Chemistry 1, (4)	Biology 1, (4)
English 7,	English 6,	English 6,
German 1, (3)	German 1, (3)	German 1, (3)
Greek 4, (4)	History 1, (3)	History 1, (3)
Latin 4, (3)	Physics 1, (3)	Physics, (3)
Mathematics 4, (3)		
Physics 1, (3)		

ELECTIVE COURSES.

Each Sophomore is required to take one elective course.

Second and Third Terms.

Greek 5, (3) Latin 5, (3) Mathematics 5, (3)

JUNIOR YEAR.

REQUIRED COURSES.

First Term.

English 6,
History 2, (3)
Philosophy 2, (3)

Second Term.

English 6,
Philosophy 3, (3)
Physiology 2 a, }
Political Science 2, } 3

Third Term.

English 6,
Philosophy 3, (3)
Political Science 2, (3)

ELECTIVE COURSES.

Each Junior is required to take three elective courses, one of which must be French or German.

First, Second, and Third Terms.

Biology 2, (3)
Chemistry 2, (3)
English 2, } (3)
English 3, }
French 2, (4)

German 2, (4)
Greek 6 a, 6 b, 6 c, (3)
History 3, (3)
Italian, (3)
Latin 6 a, 6 b, (3)

Mathematics 6, (3)
Mathematics 7, (3)
Physics 2, (3)

SENIOR YEAR.

REQUIRED COURSES.

First Term.

English 6,
Philosophy 1, (3)
Philosophy 4, (3)
Physiology 2 b, (4)

Second Term.

English 5, (2)
English 6,
Philosophy 4, (2)
Political Science 3, (2)

Third Term.

English 5, (3)
Political Science 3, (3)

ELECTIVE COURSES.

Each Senior is required to take two courses in group (a) and one course in group (b).

(a)

First, Second, and Third Terms.

Biblical Study 3, (3)	German 3, (3)	Mathematics 9, (3)
Biology 3, (3)	Greek 6 a, 6 b, 6 c, (3)	Philosophy 5, (3)
Chemistry 3, (3)	History 3, (3)	Physics 3, (3)
English 4, (3)	Latin 6 a, 6 b, (3)	Physics 4, (3)
French 3, (3)	Mathematics 8, (3)	Political Science 1, (3)

(b)

Second and Third Terms.

Biblical Study 2, (4)	Italian, (4)	Philosophy 6, (4)
Geology, (4)	Mathematics 10, (4)	Spanish, (4)
History 4, (4)		

EXAMINATIONS.

At the close of the first term the students are examined upon the work of that term, and at the end of the year upon the work of the second and third terms. These examinations cannot be passed previous to the times appointed by the Faculty. Students who by reason of illness are excused from these examinations and students who fail to pass them are examined at such times as the Faculty may appoint. The final examination of the Senior class occurs during the week following the first Monday in June.

ALUMNI VISITORS.

The Associated Alumni of the College are represented in the conduct of instruction by a Committee consisting at present of the following gentlemen :

(Until Commencement, 1894)

REV. STEPHEN WINCHESTER DANA, D.D., of Philadelphia, class of '61.

PROF. GEORGE FRANKLIN MILLS, M.A., of Amherst, class of '62.

(Until Commencement, 1895)

PROF. GEORGE BENTON NEWCOMB, PH.D., of New York City, class of '56.

PRIN. JAMES CARRUTHERS GREENOUGH, M.A., of Westfield, class of '60.

(Until Commencement, 1896)

REV. SAMUEL WARREN DIKE, LL.D., of Auburndale, class of '63.

PRIN. DANIEL CEPHAS FARR, PH.D., of Glens Falls, N. Y., class of '72.

The office of this committee is to attend the examinations, or such other exercises of the college as may seem advisable, and to make an annual report to the Alumni concerning the discipline, progress, methods, and wants of the institution.

DEGREES.

The degree of Bachelor of Arts is conferred by vote of the Trustees at the Annual Commencement upon students who have completed a full four years' course, to the satisfaction of the Faculty ; have paid their dues to the Treasurer, and returned to the librarian all books belonging to the college ; but the degree may be forfeited by misconduct at any time previous to the close of the Commencement exercises.

The conditions on which graduates of Williams College may secure the degree of Master of Arts can be learned by communicating with the college Registrar.

MUSEUM.

The collections as recently combined and rearranged in Clark Hall include the following collections :

Mineralogical, Petrographical, Paleontological, Geological, (structural), Geological (local), Conchological (synoptic), Botanical.

Distributed among these is the Wilder Cabinet, which, together with the Museum building, was given by the late Edward Clark, also the geological collection of Prof. Ebenezer Emmons, and the herbaria presented to the college by several persons.

These collections include everything needed for college work in Geology, Mineralogy, and Botany.

LIBRARY.

The Library contains thirty-five thousand volumes, exclusive of duplicates, five thousand classified pamphlets in cases, with index, and many other pamphlets in process of classification.

The collection of reviews and periodicals, both current and bound, is especially valuable. The system of classification recently adopted has been applied to the whole Library, and the work on the card catalogue has made good progress.

The sum of about four thousand dollars is expended annually for the Library. The Lawrence, Jonathan Phillips, Adriance, Jones, and other permanent library funds represent a capital of forty-three thousand dollars, the income from which is increased by gifts and by special appropriations of the Trustees.

Students have direct access to all books. They may read or study in the Library during Library hours,—the new wings afford abundant facilities for this purpose,—and they may draw three volumes at a time, to be retained, if desired, for two weeks, with the privilege of one renewal. The Library also provides conveniences for seminary or laboratory work.

The Library is open every week day during the entire year. In term time the hours are from 10 A.M. to 1 P.M., and from 2 P.M. to 6 P.M., and during vacation from 10 A.M. to 12 M. The east wing, containing current periodicals, general reference books, and those bearing especially upon the term work, is open each week-day evening from 7:30 to 9:30. Sunday afternoon from 2 to 5:30 the entire Library is open for consultation.

The Libraries of the Philotechnian and Philologian Societies, containing nine thousand volumes, are open to their members Wednesdays and Saturdays. A reading-room is also supported and controlled by an association of students.

ART COLLECTION.

A valuable collection of paintings, bas-reliefs, Etruscan vases and Peruvian pottery, the gift of Mrs. John W. Field, of Philadelphia, is on exhibition in the new Library extension.

Through the liberality of Mrs. S. D. Warren, of Boston, and others, the college has a good collection of illustrative material for the main branches of art study. This is constantly increased by the contributions of the Williams Art Association,

an organization of the students, under the direction of Professor Rice, which provides weekly exhibitions and lectures. Two recent graduates have generously fitted up one of the large lecture-rooms in the Hopkins Memorial Building for displaying and storing such material. This gift makes possible the exhibition of loan collections of paintings and engravings which have proved an attractive and valuable feature in the work of the Art Association.

GYMNASIUM.

The Lasell gymnasium, erected and equipped at a cost of \$50,000, chiefly by the munificence of the widow of the late Hon. Josiah Lasell of the class of 1844, and of his son, Josiah Manning Lasell, of the class of 1886, furnishes abundant facilities for physical development. The apparatus is the outcome of the study and invention of the best teachers of gymnastics. Pulley weights of the best pattern, adjustable to varying strength; light Indian clubs; dumb-bells, both of wood and of iron; horizontal and parallel bars, rings, and apparatus for developing special muscles are used under the immediate supervision of an instructor. An inclined running track 229 feet in length, bowling alleys, tub, shower, and sponge baths, and a base-ball court are important features of the building. There are several class drills daily in the main hall at hours suiting the convenience of the students. A careful examination and measurement of each student is made by the director, not only soon after entering college, but also at occasional intervals later in the course, in order that the exercise may be adapted to individual peculiarities and a symmetrical development secured. Gymnastic exercise is required of the Freshman class during the first and second terms.

The smaller athletic fields near the college buildings afford practice in tennis, lacrosse, and similar sports, while the large "Weston Field," the gift of Hon. Byron Weston, of Dalton, affords ample opportunity for base-ball, foot-ball, and other outdoor exercises. A cinder track has been laid on the same field for the various exercises of the Athletic Association.

THOMPSON LECTURE COURSE

This Lecture Course, which was established by the liberality of F. F. Thompson, Esq., of New York, included during the last collegiate year a reading by George W. Cable, of Northampton ; lectures by Prof. Geo. L. Fox, of New Haven, Conn., on "The Public Schools of England" ; by Horace E. Scudder, of Cambridge, on "Whittier" ; by Edmund Hudson, of Washington, D. C., on "The German Emperor and Army" ; by Prof. E. S. Morse, of Salem on "The Wonders of Animal Life" ; and concerts by the "Temple Quartette," the "Ladies' Schubert Quartette," and the "Mendelssohn Quintette Club" of Boston, the "Vocal Club," of the college, and the "New York English Ballad Concert Company" of New York City.

ORDER AND DISCIPLINE

College discipline is designed to have every student to regard himself as responsible for good order and high standard of scholarship, and to secure his co-operation with the Faculty in the development of the best character. Whenever these objects cannot be attained by the student's connection with the college his temporary or permanent withdrawal will follow.

ATTENDANCE ON COLLEGE EXERCISES

Each student is expected to attend every exercise in the different studies which he pursues. For all absence in excess of twelve exercises a term the student must render an excuse to a committee of the Faculty appointed to consider such applications. As attendance upon the exercises at the opening and closing of each term is particularly important, absence from these exercises will be excused only for imperative reasons.

RECORDS AND REPORTS

A report of scholarship and conduct is made to every student's parent or guardian at the close of each half year, and whenever his relations to the discipline of the college require

it. A permanent record is also kept of the numerical estimates of each student's college work. By this record the final rank is determined. A report of attendance is sent home at the close of each term.

PUBLIC WORSHIP

Prayers are held every week-day morning and Sunday evening, at which all students are required to be present.

Religious services are held on Sunday in the college chapel, and the attendance of all students, unless excused at the request of their parents or guardians to attend the services of some other church, is required. The following were the Preachers at the College for the year 1892-93:

Rev. Drs. Tucker, Harris, and Moore from the Andover Seminary; Rev. W. W. Jubb of Fall River; Rev. Drs. Halley, Sawin, and Hector Hall of Troy, N. Y.; Rev. C. O. Day of Brattleboro, Vt.; Rev. Dr. Bradford of Montclair, N. J.; Rev. Dr. Booth, formerly of Englewood, N. J.; Rev. Dr. Pattison of the Rochester Theological Seminary; Rev. Dr. Darling of the Auburn Theological Seminary; Rev. J. H. Twichell of Hartford, Conn.; Rev. J. P. Coyle of North Adams; Rev. Dr. Jenkins of Portland, Me.; Rev. Drs. Newman Smyth, and Munger of New Haven, Conn.; Rev. Dr. Raymond of Albany, N. Y.; Rev. J. H. Lockwood of Westfield; Rev. Dr. C. C. Hall of Brooklyn, N. Y.; Rev. J. S. Zelig of Plymouth, Conn.; Rev. G. H. Gutterson of Auburndale; Rev. Mr. Speer of the Presbyterian Board of Missions, New York City; Rev. Dr. Jennings of Elmira, N. Y.; Rev. W. T. Elsing of New York City; Rev. Dr. Merriman of Worcester; Rev. Henry Hyde of Greenfield; Rev. Dr. Jacobus of the Hartford Theological Seminary; Rev. H. P. Dewey of Concord, N. H.; Rev. Dr. Vail of Stamford, Conn.; Rev. Dr. Anderson of Waterbury, Conn.; President Carter, Professors Spring and Bascom of the college.

PRIZES

The late Hon. Erastus C. Benedict, formerly an instructor in the college, established seven first prizes of twenty-five dollars each, which may be awarded annually for excellence in the following departments : Latin, Greek, French, German, Mathematics, Natural History, and History ; seven second prizes of fifteen dollars each, which may be awarded in the same departments.

He also founded a prize of twenty-five dollars, to be given annually to that member of the college who, at the close of each college year, shall be found to have received the largest number of prizes.* Honorable mention is here counted as a prize. In case of a tie the relative grades of the prizes will be taken into account, and honorable mention in Latin or Greek and a Rice book prize will not both be counted.

A prize, amounting to seventy dollars, established by A. V. W. Van Vechten, Esq., of New York City, may be awarded for extemporaneous speaking. The assignment of this prize will be made by the Faculty, and will depend upon excellence of diction in the ordinary recitations, in class debates, and such other exercises during the college course as test the speaker's readiness and ability.

Arthur B. Graves, Esq., founded seven prizes amounting to two hundred dollars, which may be awarded as follows : Six prizes of twenty dollars each for the best six essays prepared by members of the Senior Class, on subjects assigned by the Faculty ; one prize of eighty dollars to the student who shall

* For the present an additional sum of \$75.00 will be given each year by a friend of the college to increase this prize to \$100.00.

deliver his essay in the most effective manner before a public audience.

On the evening before Commencement, ten speakers, appointed equally from the Junior and Sophomore classes, deliver original orations in competition for five prizes. The income of two thousand dollars—one thousand of which was given by Elizur Smith, Esq., of Lee, and the other by William T. Booth, Esq., of New York City—is appropriated for these prizes.

The income of five thousand dollars, left to the college by the late James Lothrop Rice, Esq., is by his will appropriated to the encouragement of Latin and Greek scholarship. Of this income sixty dollars may be awarded at Commencement of each year to that member of the Senior class who shall have shown the fullest and most accurate knowledge of certain Latin classics ; and forty dollars to the member of the same class who shall have attained the second rank in the knowledge of the same authors ; sixty dollars may be awarded at the same time to the member of the Senior class who shall have shown the fullest and most accurate knowledge of certain Greek classics ; and forty dollars to the member of that class who shall have attained the second rank in the knowledge of the authors in question. The same student may compete for the prizes in these departments, but they will be assigned only to students who have pursued the subject as an elective during both the Junior and Senior years.

The late Hon. Francis Henshaw Dewey founded a prize of fifty dollars to be given to the member of the graduating class who shall present the most creditable oration in point of composition and delivery, at Commencement exercises.

The Cobden Club of London, offers a silver medal annually to the student who, in the judgment of the professor, makes the greatest progress in Political Economy.

HONOR SCHOLARSHIPS

Several Honor Scholarships of \$2,500.00 each, have been founded by alumni and friends of the college, the income of which is awarded by the faculty to as many young men as there are scholarships, in order not only to afford pecuniary aid, but also to recognize successful scholarship.

The scholarships already endowed, in whole or in part, are as follows :

The "Thomson Scholarship," founded by the late Charles H. Thomson, Esq., of New York	\$2,500.00
The "Warren Scholarship," founded by the late S. D. Warren, Esq., of Boston.....	2,500.00
The "Gilson Scholarship," founded by the late Prof. C. F. Gilson	2,500.00
The "J. Ruthven Adriance Memorial Scholarship ".....	2,500.00
The "Scholarship of the class of 1862 ".....	1,202.00
The "Scholarship of the class of 1867 ".....	675.00

A portion of the income of the fund bequeathed to the college by the late Henry Titus Morgan, Esq., of New York City, may be employed to encourage young men of high scholarship in the prosecution of their studies, either before or after receiving the bachelor's degree.

CLASS SCHOLARSHIPS

The income of the following Scholarships is conferred on persons selected by the classes, or by their representative :

The "Scholarship of the class of 1851 "	\$2,500.00
The "Scholarship of the class of 1852 "	1,808.00

SCHOLARSHIP FUNDS

The income of all the endowments mentioned below, amounting to over \$7,000, is distributed annually, at the discretion of the Trustees, among those students who are known to need aid, for the partial or entire payment of their college bills. Assistance will be given only to candidates for the bachelor's degree.

Those who apply for this aid are expected to show that they are in need of it, and also to prove by their work and conduct as students, that they are worthy of it.

In accordance with a recent vote of the Trustees this aid will be withheld from such students as fail to maintain a respectable standing in scholarship. Any student who, by reason of failure at a regular examination, is conditioned on the studies of any term, and required to pass a second, will forfeit this assistance for the next term. Repeated failures of this kind will exclude him from further pecuniary aid. Neglect of duty, disregard of college laws, or indulgence in expensive habits will occasion a similar exclusion.

The amount allowed to a student lodging in a private or club house will generally be less than that granted to one who occupies a room in the college buildings.

A form of application may be obtained of the registrar. Such an application, with the proper signatures, must be submitted to the authorities of the colleges. The receipt of aid for one year will not establish a claim to it for another.

SCHOLARSHIP FUNDS

Baldwin Fund	\$28,000.00 .
Alumni Scholarship Fund	10,000.00
Mills Fund	8,000.00
State Fund	7,500.00

Woodbridge Little Fund	.	.	.	.	.	.	\$6,000.00
Starkweather Fund	.	.	.	.	.	.	1,000.00
Means Fund	.	.	.	.	.	.	1,000.00
Moses Day Fund	.	.	.	.	.	.	5,000.00
Barnes Fund	.	.	.	.	.	.	300.00
Jessup Fund	.	.	.	.	.	.	1,000.00
Three State Scholarships	.	.	.	.	.	.	4,500.00
Thomas Thornton Read Permanent Fund	.	.	.	.	.	.	4,965.75
Thomas Thornton Read Scholarship	.	.	.	.	.	.	2,500.00
Francis Henshaw Dewey Scholarship	.	.	.	.	.	.	3,000.00
Henshaw Scholarship	.	.	.	.	.	.	3,000.00
Louisa F. Bartlett Scholarship	.	.	.	.	.	.	2,500.00
Homer Bartlett Scholarship	.	.	.	.	.	.	2,500.00
William Hyde Scholarship	.	.	.	.	.	.	2,500.00
Mrs. William Hyde Scholarship	.	.	.	.	.	.	2,500.00
Orrin Sage Scholarship	.	.	.	.	.	.	2,500.00
Miss Sarah R. Sage Scholarship	.	.	.	.	.	.	2,500.00
Hancock Scholarship	.	.	.	.	.	.	2,500.00
Olin White Geer Memorial Scholarship	.	.	.	.	.	.	2,500.00
Henry P. Brush Scholarship	.	.	.	.	.	.	2,375.00
Chadbourne Scholarship	.	.	.	.	.	.	2,500.00
Amos Lawrence Scholarships	.	.	.	.	.	.	2,000.00
Dewey Scholarship	.	.	.	.	.	.	1,500.00
Olin Scholarship	.	.	.	.	.	.	1,000.00
George H. Rosseter Scholarship	.	.	.	.	.	.	1,000.00
Newton Henry Rosseter Scholarship	.	.	.	.	.	.	1,000.00
Cone Scholarship	.	.	.	.	.	.	1,000.00
Stoddard Scholarship	.	.	.	.	.	.	1,000.00
Emory Washburn Scholarship	.	.	.	.	.	.	1,000.00
Sarah Woodhull Arms Scholarship	.	.	.	.	.	.	1,000.00
Cyrus Taggart Mills Scholarship	.	.	.	.	.	.	1,000.00
Merriam Scholarship	.	.	.	.	.	.	550.00
Barker Scholarship	.	.	.	.	.	.	500.00
Mason Scholarship	.	.	.	.	.	.	500.00
Bancroft Scholarship	.	.	.	.	.	.	500.00
Bela Peck Williams Scholarship	.	.	.	.	.	.	500.00
Thomas W. Williams Scholarship	.	.	.	.	.	.	500.00

COLLEGE HALL

The house known as College Hall was built and furnished by the friends of the college in order to reduce the price of board for students. It is expected that the price will not exceed \$3.25 per week.

Board can be obtained in private houses or in clubs or in the hotels at prices ranging from \$3.50 to \$6.00 per week.

EXPENSES

Students are required to pay their term bills in advance. In case of failure to do this by the end of the second week of the term, they may be excluded from all college exercises. The following is an estimate of the necessary expenses for the college year :

TREASURER'S BILLS.

Tuition, \$35 per term	\$105.00	\$105.00
Library charge	4.50	4.50
Gymnasium	3.00	3.00
Room rent, \$2.50 to \$37.50 per term	7.50	112.50
	<u> </u>	<u> </u>
	\$120.00	\$225.00

Those students who, from choice or necessity, room in town can obtain rooms at prices somewhat higher than the rates charged in college.

GENERAL EXPENSES.

Board, \$3.25 to \$6 per week, for 36 weeks	\$117.00	\$216.00
Washing	15.00	20.00
Fuel and Light	8.00	18.00
	<u> </u>	<u> </u>
	\$140.00	\$254.00

To the above items must be added the expense of furnishing room, cost of text-books, and incidentals. The amount of incidental expenses will depend very much on the habits of the student. It is earnestly recommended that parents and guardians should not authorize their sons and wards to obtain credit here, and should not pay debts contracted without their authority.

Any special damage done by students to college property will be charged as an extra in their term bills.

Those who enter on an advanced standing, unless they come from another college, pay the following sums as entrance money, viz. : Sophomores, \$10 ; Juniors, \$20 ; Seniors, \$30 ; and this rule is also applicable to partial-course students.

COLLEGE ROOMS

In the dormitories of Williams College there are one hundred and fourteen double rooms (a study and two bedrooms), two triple rooms (a study and three bedrooms) and nine single rooms, giving accommodations for two hundred and forty-three students. The number now in attendance upon the college is three hundred and forty. It is therefore necessary that each double room should be occupied by two students.

Students having college scholarships will be required to room in either West College, East College, South College, or Kellogg Hall.

Each student renting a college room will have the legal relation of a tenant, and will be held responsible for all the damage done to his room. The damage done in any entry will be charged to the men whose rooms open into that entry.

Each student renting a college room must occupy it himself, and no transfer of rooms will be allowed. To secure a room an obligation must be signed and filed with the Registrar. Each student must sign an obligation and if for any reason one student leaves the room the other occupant must pay the full rental of the room for the remainder of the year. Those who are not registered members of the college can secure rooms in college buildings only by the payment of one term's rent in advance. No graduate student can take a college room until all undergraduates have been supplied.

MORGAN HALL, has thirty-three double rooms (a study and two bedrooms), two triple rooms (a study and three bedrooms), and one single room. The yearly rental of these rooms, including steam-heat and service, is as follows :

Nos. 28, 31, and 34, \$225 each.

Nos. 4, 5, 7, 8, 29, 32, 35, and 38, \$210 each.

Nos. 2, 6, 9, 11, 14, 15, 16, 17, 22, 23, 24, 25, 30, 33, 36, and 37, \$159 each. No. 10, \$174.

Nos. 3, 12, 13, 20, and 21, \$144 each.

Nos. 18-19, 26-27, triple rooms, \$219 each with two occupants, or \$231 each with three occupants.

No. 1, single room, \$159.

It will be noticed that in this list, service (\$24 a year), which has been treated as a separate item in previous schedules, is included in the rental.

Each student rooming in Morgan Hall will be entitled to the use of a bath-room once each week, under regulations established by the college authorities.

COLLEGE HALL has six double (two large rooms) and two single rooms. The yearly rental of these rooms, including steam-heat and service, is as follows :

Nos. 17 and 18, single rooms, \$75 each.

Nos. 13-15, 14-16, double rooms, \$135 each.

Nos. 5-7, 6-8, 9-11, 10-12, double rooms, \$159 each.

KELLOGG HALL has twelve double rooms which rent for \$60 each, and one single room which rents for \$30 per year.

EAST COLLEGE has twenty-four double rooms which rent for \$30, \$54, and \$60 each, according to location.

SOUTH COLLEGE has eight double rooms which rent for \$30 and \$48 each, and four single rooms which rent for half the price of the double rooms on the same floor. The Hermitage has one single room at \$15.

WEST COLLEGE has thirty-one double rooms, which rent at \$15, \$30, and \$48 each, according to location.

The expense for each student is one-half the rates given for double rooms, when two men room together. College rooms are not furnished.

Early in the third term of each year, the rooms are rented for the ensuing year. The first privilege is given to those already occupying the rooms. Two students of the same class can hold the double room which they now occupy. One student can hold his half of a double room by securing a roommate from his own class or from an upper class. The rooms not thus re-engaged are offered to the classes in the order of seniority. The members of each class, two members together, draw lots for the choice of rooms.

PRIZES AWARDED AT COMMENCEMENT, 1893

BENEDICT PRIZES

In Latin

FIRST AND SECOND PRIZES EQUALLY DIVIDED	{ Arthur Henry Longfellow Elnathan Sweet, Jr. }	Class of 1895
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In Greek

FIRST PRIZE—Elnathan Sweet, Jr.	Class of 1895
SECOND PRIZE—Arthur Henry Longfellow	" "

In Mathematics

FIRST PRIZE—Arthur Henry Longfellow	. . . . .	Class of 1895
SECOND PRIZE—Elnathan Sweet, Jr.	. . . . .	" "

In Natural History

FIRST PRIZE—Arthur Henry Longfellow	. . . . .	Class of 1895
SECOND PRIZE—Clement Goldsmith Elmer	. . . . .	" "

In French

FIRST PRIZE—Franklin Story Conant	. . . . .	Class of 1893
SECOND PRIZE—Carl Davis Burt	. . . . .	" "

In German

FIRST PRIZE—Carl Davis Burt	. . . . .	Class of 1893
SECOND PRIZE—Fred Clark Stanley	. . . . .	" "

PRIZE FOR PRIZES

Louis J. Balliett, Class of 1893

GRAVES PRIZES

For Essays—Class of 1893

Howard Halsey Bayne	Arthur Oliver
Harry Noyes Greene	Charles Grenville Sewall
Frederic Miller Smedley	

For Excellence of Delivery

Charles Grenville Sewall

RHETORICAL PRIZES

General Prize

Samuel Mackay Wilson Class of 1894

Junior Prizes

FIRST PRIZE—Llewellyn Edward Pratt Class of 1894

SECOND PRIZE—William Luther Sawtelle “ “

Sophomore Prizes

FIRST PRIZE—Elnathan Sweet, Jr. Class of 1895

SECOND PRIZE—Frederick William Memmott “ “

DEWEY PRIZE

For Excellence in Commencement Exercises

Charles Grenville Sewall Class of 1893

VAN VECHTEN PRIZE

For Extemporaneous Speaking

Walter Collins Class of 1893

RICE PRIZES

In Latin

FIRST AND SECOND	{ Louis J. Balliett } Class of 1893
PRIZES EQUALLY DIVIDED			{ Alvan Emile Duerr }

In Greek

FIRST PRIZE—Alvan Emile Duerr Class of 1893

SECOND PRIZE—George Newton Sleight “ “

Book Prizes from the Rice Fund. Class of 1895

William Seward Elder	Willard Pierrepont Millspaugh
Harry Ernest Foster	John Herbert Pack
Frederick William Memmott	Hermon Arnold Strong

HONOR SCHOLARSHIPS

Thomson Scholar, Hermon Arnold Strong Class of 1895

J. Ruthven Adriance Scholar, Clarence Wells Dunham Class of 1896

Warren Scholar, Walter Andrew Bratten Class of 1895

Gilson Scholar, Edward Thomas Scully Class of 1894

APPOINTMENTS FOR COMMENCEMENT

CLASS OF 1893

Valedictory

Franklin Story Conant

Salutatory

Louis J. Balliett

Philosophical Orations

Frederick Winter Barthel
Howard Opdyke

Charles Grenville Sewall
Louis Palmer Slade

Orations

Howard Halsey Bayne
Carl Davis Burt
Leslie Linwood Cleveland
Alvan Emile Duerr

Franklin Hubbell Mills
Charles Philip Redfield
Robert McEwen Schaufler
Frederic Miller Smedley

Fred Clark Stanley

Dissertations

Albert Edmund Cluett
Edward James Collier
Walter Collins
Nathan Russell Harrington
Edwin Franklin Jenks
Warren Carlos Nutting
George Newton Sleight
Ernest Nash Wilcox

William Irving Corthell
Raymond Dodge
Harry Noyes Greene
Frank Hammond Griggs
Frank Henry Haskins
Arthur Oliver
Frank Eugene Parks
Louis Morris Starr

DEGREES CONFERRED IN 1893

BACHELOR OF ARTS

James Wight Anderson	John Willis Hollister
John Benjamin Archer	Charles Edward Hulett
Lynn Paddock Armstrong	John Niles Huyck
Leon Brooks Bacon	Edwin Franklin Jenks
Louis J. Balliett	Hugh Henry Lansing
Charles Everett Banker	Harold Augustus Lewis
Frederick Winter Barthel	John Parker Locke
Howard Halsey Bayne	Ernest Munsell Long
James McDougall Blue	Robert Adams Manning
Henry Burnham Boone	Robert Gillespie Mead, Jr.
Fisher Howe Booth	Franklin Hubbell Mills
Carl Davis Burt	Wilfrid Ryan Morgan
Leslie Linwood Cleveland	James David Murphy
Albert Edmund Cluett	Merle Farmer Murphy
Edward James Collier	Warren Carlos Nutting .
Walter Collins	Arthur Oliver
Franklin Story Conant	Howard Opdyke
James Bronson Conant	Frank Eugene Parks
William Irving Corthell	Charles Park Pressey
Alfred Joseph Daly	Charles Philip Redfield
Raymond Dodge	Robert McEwen Schaufler
Alvan Emile Duerr	Frederick Edwards Searle
Henry Hudson Eddy	Charles Grenville Sewall
Charles Taft Ennis	Louis Palmer Slade
James Albert Evans	George Newton Sleight
Frederick William Fuess	Frederic Miller Smedley
Abram Garfield	Bertram Llewellyn Smith
Irvin McDowell Garfield	Fred Clark Stanley
Andrew Boyd Gilfillan	Louis Morris Starr
Harry Noyes Greene	Frederic Alphonso Weddell
Frank Hammond Griggs	Ernest Nash Wilcox
Nathan Russell Harrington	Alden Rufus Wild
Frank Henry Haskins	John Howard Willis
Arthur Kittinger Willyoung	

Hollis Andrew Campbell	Henry Knox
Marshall Crane Hayes	Elbert Baldwin Mann
John Newhouse Tonnele	

WILLIAMS COLLEGE

MASTER OF ARTS

Frank Coe Barnes

Erastus Hopkins

Charles Frederick Brusie

Marcus Tullius Reynolds

William Remsen Appleby

DOCTOR OF PHILOSOPHY

James Ingraham Peck

HONORARY DEGREES

DOCTOR OF DIVINITY

The Reverend John Gaylord Davenport

The Reverend Alfred John Hutton

DOCTOR OF LAWS

John Edwin Bradley

Henry Pratt Judson

STUDENTS

GRADUATES

James Wight Anderson, B.A., '93	<i>Springfield</i>	Θ. Δ. X. House
Eli Herbert Botsford, M.A., '82	<i>Williamstown</i>	Hoxie St.
Franklin Story Conant, B.A., '93	<i>Wellesley Hills</i>	Chemical Laboratory
Nathan Russell Harrington, B.A., '93	<i>Cleveland, O.</i>	Mr. Noyes'
James Edward Peabody, B.A., '92	<i>Williamstown</i>	Spring st.

GRADUATES, 5

SENIOR CLASS

William Hayden Baker	<i>Schaghticoke, N. Y.</i>	1 W. C.
William Erastus Beckwith	<i>Great Barrington</i>	5 E. C.
Fred Andrew Benton	<i>Earlville, N. Y.</i>	Chapel Tower
John Woods Brennan	<i>St. Albans, Vt.</i>	Mrs. Sutherland's
Robert Andrew Bruce	<i>Franklin, Pa.</i>	Spring St.
Edwin Nesbit Chapman	<i>Brooklyn, N. Y.</i>	Δ. K. E. House
Bayard Henderson Christy	<i>Sewickley, Pa.</i>	Δ. K. E. House
Arthur Herbert Coar	<i>Cambridge</i>	5 E. C.
Romaine Hard Crosby	<i>Brooklyn, N. Y.</i>	32 M. H.
Floyd Elmer DeGroat	<i>Nichols, N. Y.</i>	X. Ψ. House
Harry DeWitt DeGroat	<i>Owego, N. Y.</i>	9 K. H.
James Harvey Donnelly	<i>Bennington, Vt.</i>	6 K. H.
Norman Herbert Dutcher	<i>St. Albans, Vt.</i>	Mrs. Sutherland's
Edward Edwards, Jr.	<i>Troy, N. Y.</i>	12 E. C.
Richard Sweet Folsom	<i>Chicago, Ill.</i>	18 M. H.
Edwin Carlton Gillette	<i>Hartford, Conn.</i>	7 K. H.
Paul Myron Goodrich	<i>North Adams</i>	Θ. Δ. X. House
Reynolds Freeman Guerin	<i>Columbus, O.</i>	X. Ψ. Lodge
Robert Joseph Gulliver	<i>Norwich, Conn.</i>	Φ. Δ. Θ. House

Theodore Dudley Hammatt	<i>Topeka, Kan.</i>	<i>K. A. Lodge</i>
Miles Tracy Hand	<i>Scranton, Pa.</i>	<i>Mrs. Wheeler's</i>
Peter Oliver Hanford	<i>Penn Yan, N. Y.</i>	<i>X. Ψ. Lodge</i>
William Cook Hart	<i>Williamstown</i>	<i>Mrs. Hart's</i>
Frederic Thatcher Harward	<i>Richmond, Me.</i>	<i>5 K. H.</i>
Alfred Birch Herrick	<i>Amsterdam, N. Y.</i>	<i>7 K. H.</i>
Allan John Holley	<i>Salem, N. Y.</i>	<i>9 S. C.</i>
John Perit Huntington	<i>Norwich, Conn.</i>	<i>Θ. Δ. X. House</i>
Edward Hyatt Hutton	<i>Rochester, N. Y.</i>	<i>9 K. H.</i>
Arthur Augustus Jordan	<i>Pittsfield</i>	<i>21 W. C.</i>
Frank Leonard Judd	<i>East Charlemont</i>	<i>21 W. C.</i>
Lewis Earle Lee	<i>Albany, Oregon</i>	<i>Θ. Δ. X. House</i>
John Joseph Lynch	<i>Holyoke</i>	<i>9 E. C.</i>
Thomas James Lynch	<i>Holyoke</i>	<i>9 E. C.</i>
William Hinman Maclay	<i>New York City</i>	<i>K. A. Lodge</i>
Herbert John McMurtrie	<i>New York City</i>	<i>Δ. T. House</i>
Sidney Graves Mather	<i>Brooklyn, N. Y.</i>	<i>Δ. Ψ. Lodge</i>
Arthur Guy Merrill	<i>Shelburne Falls</i>	<i>5 K. H.</i>
Willis Isbister Milham	<i>Kinderhook, N. Y.</i>	<i>Mr. Wells'</i>
Louis Gregg Neville	<i>Nashua, N. H.</i>	<i>X. Ψ. Lodge</i>
Olcott Osborn Partridge	<i>Pittsfield</i>	<i>Θ. Δ. X. House</i>
Charles Pinkerton	<i>West Chester, Pa.</i>	<i>K. A. Lodge</i>
Llewellyn Edward Pratt	<i>Columbus, O.</i>	<i>16 M. H.</i>
Albert Hawley Prentiss	<i>Buffalo, N. Y.</i>	<i>Z. Ψ. House</i>
Henry Grant Rowe	<i>Medina, O.</i>	<i>Mrs. Tenney's</i>
Henry Axtell Rumsey	<i>Chicago, Ill.</i>	<i>X. Ψ. Lodge</i>
William Luther Sawtelle	<i>Athens, Pa.</i>	<i>Θ. Δ. X. House</i>
Benjamin Robinson Schenck	<i>Syracuse, N. Y.</i>	<i>Z. Ψ. House</i>
Edward Thomas Scully	<i>Pittsfield</i>	<i>11 E. C.</i>
John Rumney Searles	<i>Rome, N. Y.</i>	<i>Δ. K. E. House</i>
Carleton Gifford Smith	<i>Williamstown</i>	<i>Mr. Smith's</i>
Harry Osgood Spalding	<i>Boston</i>	<i>Φ. Δ. Θ. House</i>
Samuel Romney Spring	<i>Williamstown</i>	<i>Prof. Spring's</i>
William Metcalfe Stone	<i>Owego, N. Y.</i>	<i>Z. Ψ. House</i>
Lyman Eddy Thayer	<i>New York City</i>	<i>Σ. Φ. Place</i>
Herbert Llewellyn Towne	<i>Williamstown</i>	<i>Gymnasium</i>

Voluntine Covil Turner	<i>St. Louis, Mo.</i>	X. Ψ . Lodge
David Everett Wheeler	<i>New York City</i>	K. A. Lodge
Eugene Richard White	<i>Buffalo, N. Y.</i>	A. Δ . Φ . House
Gavin Hamilton Wright	<i>Fitchburg</i>	G. Δ . X. House

* William Swinton Bennett Hopkins, Jr.	<i>Worcester</i>	Σ . Φ . Place
* Warren Morse	<i>Williamstown</i>	White Oaks
* William Maguire Reed	<i>Chicago, Ill.</i>	14 E. C.

SENIORS, 62

JUNIOR CLASS

Frederick Carhart Adams	<i>Natick</i>	23 E. C.
George Marshall Alden	<i>Troy, N. Y.</i>	K. A. Annex
Lewis Raynor Aldrich	<i>Princeville, Ill.</i>	26 W. C.
Jerome Ripley Allen	<i>Greenfield</i>	34 M. H.
Winfred Howard Babbitt	<i>West Brattleboro, Vt.</i>	13 K. H.
Henry Joseph Baron	<i>Williamstown</i>	Mr. Baron's
Benjamin Thomas Bartlett	<i>Nottingham, N. H.</i>	18 M. H.
Felton Bent	<i>Steelton, Pa.</i>	A. Δ . Φ . House
Martin Whitten Berry	<i>Portland, Me.</i>	10 W. C.
Walter Andrew Bratton	<i>Stamford, Vt.</i>	2 W. C.
James Jay Brown	<i>Omaha, Neb.</i>	31 M. H.
Charles Milton Burdick	<i>Lowville, N. Y.</i>	11 E. C.
John Potter Congdon	<i>Wyoming, N. Y.</i>	8 K. H.
James Ray Craighead	<i>Saratoga Springs, N. Y.</i>	1 K. H.
George Griswold Davidson, Jr.	<i>Albany, N. Y.</i>	Z. Ψ . House
Stephen Bradford Davol	<i>Fall River</i>	X. Ψ . Lodge
Louis DeForest Downer	<i>New York City</i>	K. A. Lodge
Fred Elliott Draper, Jr.	<i>Lansingburgh, N. Y.</i>	Δ . Ψ . Lodge
Charles Harrod Durfee	<i>Geneseo, N. Y.</i>	3 S. C.
Joseph Oriel Eaton	<i>Cincinnati, O.</i>	Δ . Ψ . Lodge
William Seward Elder	<i>Auburn, N. Y.</i>	3 K. H.
Clement Goldsmith Elmer	<i>Peconic, N. Y.</i>	19 E. C.

* Partial Course.

Charles Wilmer Fitch	<i>Mooers, N. Y.</i>	5 W. C.
Wells Hubert Fitch	<i>Brooklyn, N. Y.</i>	20 E. C.
Harry Ernest Foster	<i>Keene, N. H.</i>	23 E. C.
William Bradley Frear	<i>Troy, N. Y.</i>	21 M. H.
Robert Torrington Furman	<i>Topeka, Kan.</i>	32 M. H.
Charles Dwight Gates	<i>Peacham, Vt.</i>	26 W. C.
Frederick Day Goodwin	<i>Erie, Pa.</i>	25 W. C.
William Hardy Gorman	<i>Columbus, O.</i>	16 M. H.
Benjamin Callender Heald, Jr.	<i>Portland, Oregon</i>	Σ . Φ . Place
Maclay Hoyne	<i>Chicago, Ill.</i>	18 M. H.
Ariel Harris Ide	<i>Troy, N. Y.</i>	Δ . Ψ . Lodge
Robert Hutchins Jeffrey	<i>Columbus, O.</i>	X. Ψ . Lodge
Harold Abbott Johnson	<i>Brookfield</i>	Σ . Φ . Place
Adam Leroy Jones	<i>Hoopston, Ill.</i>	1 W. C.
George Bancroft Kilbourne	<i>Columbus, O.</i>	Mrs. Tenney's
Frederick Porter Kimball	<i>Lakewood, N. J.</i>	Δ . Ψ . Annex
Benjamin Weld Knower	<i>West Troy, N. Y.</i>	10 E. C.
George Arthur Lundy	<i>Troy, N. Y.</i>	2 W. C.
Walter Horton Main	<i>Troy, N. Y.</i>	12 E. C.
Allan Marsh	<i>Omaha, Neb.</i>	35 M. H.
William Young Marsh	<i>Jersey City, N. J.</i>	Σ . Φ . Place
Rufus Graves Mather	<i>Brooklyn, N. Y.</i>	Δ . Ψ . Annex
Frederick William Memmott	<i>Newark, N. J.</i>	8 K. H.
Craig Carlton Miller	<i>Miller's Corners, N. Y.</i>	X. Ψ . Lodge
Edward Clarence Miller	<i>Skaneateles, N. Y.</i>	13 E. C.
Willard Pierrepont Millspaugh	<i>Richmond, N. Y.</i>	3 K. H.
Fred Howard Moffit	<i>Princeville, Ill.</i>	11 K. H.
Guy Hatfield Morgan	<i>Poughkeepsie, N. Y.</i>	21 M. H.
Lewis Arthur Morrow	<i>Princeville, Ill.</i>	11 K. H.
Harrison Albeon Morse	<i>Mansfield</i>	4 W. C.
Harold Phelps Moseley	<i>Westfield</i>	35 M. H.
Henry Marks Nicholls	<i>Lockport, N. Y.</i>	Z. Ψ . House
James Ogilvie	<i>Lawrence</i>	13 K. H.
Frank Silliman Parmenter	<i>Troy, N. Y.</i>	20 M. H.
Stuart Forbes Patterson	<i>Cooperstown, N. Y.</i>	25 W. C.
John Herbert Peck	<i>Pittsfield</i>	20 E. C.

George Fitch Perkins, Jr.	<i>Jersey City, N. J.</i>	Σ . Φ . Place
Clifton Chute Putney	<i>Leominster</i>	17 W. C.
William George Ramsay	<i>New York City</i>	10 S. C.
Francis William Rawle	<i>Bryn Mawr, Pa.</i>	A. Δ . Φ . House
Edward Rowland Richards	<i>West Winsted, Conn.</i>	8 E. C.
Henry Drinker Riley	<i>Philadelphia, Pa.</i>	A. Δ . Φ . House
William Chandler Roudenbush	<i>Greenfield</i>	13 E. C.
Arthur Belding Rudd	<i>Poughkeepsie, N. Y.</i>	34 M. H.
John Stewart Russell	<i>Troy, N. Y.</i>	1 M. H.
John Albertson Sampson	<i>Troy, N. Y.</i>	15 M. H.
Henry Gansevoort Sanford	<i>Poughkeepsie, N. Y.</i>	K. A. Annex
William Merriam Sawyer	<i>Nashua, N. H.</i>	Σ . Φ . Place
William Senger	<i>Port Jervis, N. Y.</i>	5 W. C.
Charles Mills Slocum	<i>Port Jervis, N. Y.</i>	1 K. H.
Monroe Weed Smith	<i>Warsaw, N. Y.</i>	12 K. H.
Hermon Arnold Strong	<i>Winsted, Conn.</i>	19 E. C.
Elnathan Sweet, Jr.	<i>Albany, N. Y.</i>	36 M. H.
Ewing Taylor	<i>Poughkeepsie, N. Y.</i>	Mrs. Tenny's
James Taylor, Jr.	<i>Southbridge</i>	12 K. H.
Joseph Elmer Tucker	<i>Bradford</i>	33 M. H.
Edward Everett Vance	<i>Lake Forest, Ill.</i>	Mrs. Wardwell's
John Daniel Wild	<i>Manchester, Vt.</i>	10 K. H.
John I. Zoller	<i>Little Falls, N. Y.</i>	22 M. H.

*James Monroe Brown	<i>Mansfield, O.</i>	3 M. H.
*George W. Hunter, Jr.	<i>Norwalk, Conn.</i>	33 M. H.
*Harry Baldwin Leonard	<i>Chicago, Ill.</i>	Σ . Φ . Place
*Frederick de Peyster Townshend	<i>Melrose</i>	K. A. Annex

JUNIORS, 85

SOPHOMORE CLASS

Frederick Alonzo Alden	<i>Troy, N. Y.</i>	11 W. C.
Arthur Ward Bailey	<i>Quincy</i>	12 S. C.
George Nelson Barrere	<i>Columbus, O.</i>	Mrs. Wardwell's

* Partial Course.

Francis Edgar Bates	<i>Westfield</i>	11 S. C.
Samuel Phillips Blagden, Jr.	<i>New York City</i>	Mr. Daniel's
Edward Willard Blodgett	<i>Leominster</i>	Z. Ψ . House
John William Bockes	<i>Skaneateles, N. Y.</i>	3 W. C.
Henry Bullard Boynton	<i>West Townsend</i>	24 E. C.
Horace Greeley Brown	<i>Plainfield, Conn.</i>	4 K. H.
George Kendrick Buck	<i>Manchester, N. H.</i>	2 K. H.
Robert Allyn Budington	<i>Leyden</i>	10 S. C.
Charles Edward Buell	<i>Litchfield, Conn.</i>	Φ . Δ . Θ . House
Charles Francis Canedy	<i>Shelburne Falls</i>	Φ . Δ . Θ . House
Ogden Chapin	<i>Springfield</i>	13 W. C.
John Davol Chapman	<i>Brooklyn, N. Y.</i>	38 M. H.
Sumner Allen Chapman	<i>Hanson</i>	6 S. C.
Ernest Harold Cluett	<i>Troy, N. Y.</i>	Δ . Ψ . Annex
Walter Ward Cooper	<i>Little Falls, N. Y.</i>	22 M. H.
Thomas Bigelow Cowen	<i>New York City</i>	28 M. H.
Philip H. Dater	<i>Eagle Mills, N. Y.</i>	7 E. C.
George Edward Deely	<i>Lee</i>	24 E. C.
Sylvester Chittenden Deming	<i>Arlington, Vt.</i>	33 M. H.
John Winthrop Dow	<i>Claremont, N. H.</i>	20 M. H.
Clarence Wells Dunham	<i>Troy, N. Y.</i>	11 W. C.
Willis Estey Dunning	<i>Chicago, Ill.</i>	8 E. C.
Edward Calvin Durfee	<i>Geneseo, N. Y.</i>	3 S. C.
Frederic Crook Eastman	<i>Brooklyn, N. Y.</i>	7 W. C.
Augustus Graves Ely	<i>Cranford, N. J.</i>	Δ . Ψ . Annex
Islay VanHorn Gill	<i>Greenwich, N. Y.</i>	15 W. C.
Theodore Gilman, Jr.	<i>Yonkers, N. Y.</i>	K. A. Annex
Leonard Titus Haight	<i>Skaneateles, N. Y.</i>	3 W. C.
William Win Hartwell	<i>Woburn</i>	1 E. C.
Charles Avery Hickey	<i>Auburn, N. Y.</i>	22 W. C.
Carroll Olmstead Holmes	<i>Auburn, N. Y.</i>	37 M. H.
George Walter Humphrey	<i>Denver, Colorado</i>	Δ . Ψ . Annex
James Herbert Irish	<i>Skaneateles, N. Y.</i>	8 W. C.
Bernard Kelly	<i>North Adams</i>	30 W. C.
William Kirk, Jr.	<i>Delmar, N. Y.</i>	9 W. C.
Henry Seymour Knight	<i>Lansingburgh, N. Y.</i>	23 M. H.

Edward Morgan Lewis	<i>Utica, N. Y.</i>	10 W. C.
William Andrew Lockwood	<i>Westfield</i>	10 M. H.
Charles Francis Lyon	<i>Auburn, N. Y.</i>	22 W. C.
James Arthur Lytle	<i>Lawrence</i>	7 W. C.
Thomas Corwin McDowell	<i>Medina, O.</i>	25 M. H.
Fred Hulse Mapes	<i>Middletown, N. Y.</i>	13 W. C.
Berthier Whitford Mather	<i>Garrattsville, N. Y.</i>	Δ. Γ. House
John Arthur Miller	<i>Portsmouth, Va.</i>	16 S. C.
Paul Caldwell Mitchell	<i>Mansfield, O.</i>	4 M. H.
Clarence Eliud Parker	<i>South Granville, N. Y.</i>	3 E. C.
Nathaniel Willis Parker	<i>South Granville, N. Y.</i>	3 E. C.
Henry Stuart Patterson	<i>New York City</i>	Δ. Δ. Φ. House
Arthur Wilfred Peters	<i>Albany, N. Y.</i>	2 K. H.
Edmonds Putney	<i>New York City</i>	15 M. H.
James Wells Reed	<i>Richmond Mills, N. Y.</i>	4 K. H.
Henry Preston Richardson	<i>Troy, N. Y.</i>	10 E. C.
Sanford Robinson	<i>North Adams</i>	Mrs. Tenny's
Robert Wells Root	<i>Hartford, Conn.</i>	28 M. H.
Clarence John Russell	<i>Pittsfield</i>	6 W. C.
John Wilthauper Russell	<i>New York City</i>	Mr. Austin's
Willard Dean Shannahan	<i>Green Island, N. Y.</i>	9 W. C.
Theodore Hinman Simmons	<i>Cleveland, O.</i>	26 M. H.
Dwight Gordon Smith	<i>Washington, D. C.</i>	Δ. Γ. House
William Aaron Spangler	<i>Denver, Colorado,</i>	Δ. Ψ. Annex
Harry Griffen Stephens	<i>Bridgehampton, N. Y.</i>	Mr. Wheeler's
Charles Edward Street	<i>Lee</i>	1 E. C.
Dudley Woodbridge Strickland	<i>Chicago, Ill.</i>	Δ. Γ. House
Edward Charles Sullivan	<i>North Adams</i>	Mr. Sullivan's
Everett Henry Thayer	<i>Tarrytown, N. Y.</i>	26 M. H.
William Richardson Thurston	<i>New York City</i>	Mr. Danforth's
William Groat VanLoon	<i>Albany, N. Y.</i>	Ζ. Ψ. House
Karl Ephraim Weston	<i>Winchendon</i>	8 W. C.
Henry Brainard White	<i>Marcellus, N. Y.</i>	Φ. Δ. Θ. House
William Williamson	<i>Manchester, N. H.</i>	6 W. C.
David Moorad Yeretsian	<i>Moosh, Turkey in Asia</i>	11 S. C.

FRESHMAN CLASS

Edgar Willey Ames	<i>Sherburne, N. Y.</i>	12 W. C.
George Walter Ashton	<i>Blackinton</i>	31 W. C.
Charles Lyman Avery	<i>Waterford, Conn.</i>	Prof. Hewitt's
Almon Colburn Barrell	<i>Albion, N. Y.</i>	17 M. H.
Edward Dimon Bird	<i>New York City</i>	K. A. Annex
Phillips Blagden	<i>Greenfield</i>	Mr. Botsford's
Cevedra D. Blake	<i>St. Louis, Mo.</i>	10 C. H.
Danforth Phipps Blake	<i>Whitneysville, Conn.</i>	Mrs. Wardwell's
Dalton Hiram Blanchard	<i>White Creek, N. Y.</i>	6 S. C.
William Baylies Bliss	<i>Fall River</i>	23 M. H.
Samuel Wells Bowerman	<i>Pittsfield</i>	22 E. C.
Richard Robertson Bradbury	<i>New York City</i>	Prof. Safford's
Alonzo Farley Brewer	<i>Newton Centre</i>	28 W. C.
Howard Munson Briggs	<i>Lansingburgh, N. Y.</i>	7 E. C.
Joseph Chester Briggs	<i>Columbus, O.</i>	2 M. H.
William Robinson Brown	<i>Portland, Me.</i>	10 M. H.
William Adams Burns	<i>Pittsfield</i>	17 E. C.
James Knox Cain	<i>Sewickley, Pa.</i>	Δ. Ψ. Annex
Jonathan Camp	<i>Norwalk, Conn.</i>	27 W. C.
George William Cartledge	<i>So. Meriden, Conn.</i>	15 E. C.
Robert Francis Cheney	<i>Lee</i>	19 W. C.
Egerton Chichester	<i>New York City</i>	8 M. H.
Stephen Dutton Clarke	<i>Buffalo, N. Y.</i>	Δ. Ψ. Annex
Heber Howe Cleveland	<i>Somerville</i>	12 W. C.
Guy Leartus Connor	<i>Detroit, Mich.</i>	5 C. H.
Ray Connor	<i>Detroit, Mich.</i>	5 C. H.
Clifford Henry Coon	<i>Adams Centre, N. Y.</i>	4 S. C.
Francis Patrick Cullen	<i>Pittsfield</i>	14 E. C.
Alexander Davidson	<i>Albany, N. Y.</i>	14 M. H.
Albert Roscoe Tenny Davis	<i>Fall River</i>	32 W. C.
Robert Fuller Denison	<i>Cleveland, O.</i>	13 M. H.
Frank Edward Dewey	<i>Milwaukee, Wis.</i>	8 M. H.
William Smith Deyo	<i>Albany, N. Y.</i>	2 S. C.
Hugh Paton Drysdale	<i>North Adams</i>	31 W. C.
Frank Lewis Duley	<i>Lanesville</i>	15 E. C.

Howard Bertram Elliott	<i>New Rochelle, N. Y.</i>	18 C. H.
Harold Minot Gage	<i>Nashua, N. H.</i>	11 M. H.
George William Gillette	<i>Canandaigua, N. Y.</i>	29 M. H.
Reid Gilmore	<i>Salem, N. Y.</i>	14 W. C.
Clinton Burr Goodrich	<i>North Adams</i>	21 E. C.
Gurdon Wright Gordon	<i>Ashley Falls</i>	32 W. C.
William Ellery Greene	<i>Cleveland, O.</i>	13 M. H.
George William Grundy	<i>Williamstown</i>	17 S. C.
Charles Hiland Hall	<i>Springfield</i>	5 M. H.
Damon Everett Hall	<i>Williamstown</i>	16 E. C.
Lawrence Ashley Hawkins	<i>Pittsfield</i>	22 E. C.
George Brown Hedges	<i>New York City</i>	30 M. H.
John Francis Heffernan	<i>Housatonic</i>	14 E. C.
Grosvenor Bouton Hill	<i>Lockport, N. Y.</i>	28 W. C.
Jerome Odell Hoyt	<i>Cambridge, N. Y.</i>	14 W. C.
Charles Knight Hyde	<i>Honolulu, H. I.</i>	14 C. H.
Paul Phelps Ingham	<i>Lockport, N. Y.</i>	29 W. C.
Philip Lyman James	<i>Williamsburg</i>	5 M. H.
Walter Cooper Johnston	<i>Evanston, Ill.</i>	9 C. H.
Lincoln Kilbourne	<i>Columbus, O.</i>	4 M. H.
John Brodfute Knox	<i>Yellow Springs, O.</i>	27 W. C.
Henry Bennett Leary	<i>Penn Yan, N. Y.</i>	29 M. H.
Edwin Waterman Lee	<i>St. Louis, Mo.</i>	10 C. H.
Maurice Ambrose Levy	<i>West Townsend</i>	23 W. C.
Clarence Hasey Lodge	<i>Albany, N. Y.</i>	36 M. H.
Baldwin McComb	<i>Columbus, O.</i>	4 M. H.
Guy Alton McGowan	<i>Canandaigua, N. Y.</i>	18 E. C.
Frederic Lee Matthews	<i>Youngstown, O.</i>	23 W. C.
Roy Waldo Miner	<i>Faribault, Minn.</i>	6 E. C.
John Francis Murray	<i>Troy, N. Y.</i>	5 S. C.
Lynn Carlton Norris	<i>Canandaigua, N. Y.</i>	18 E. C.
George Tyler Northup	<i>Evanston, Ill.</i>	9 C. H.
William Herbert Nutter	<i>Pittsfield</i>	17 E. C.
Herbert Peake	<i>Walton, N. Y.</i>	13 C. H.
James M. Peake	<i>Walton, N. Y.</i>	13 C. H.
Charles Francis Pease	<i>Chester</i>	17 C. H.

Carroll Augustus Perkins	<i>Wendell</i>	15 W. C.
Eugene Bennett Pierce	<i>Putney, Vt.</i>	16 E. C.
Herbert Lee Pratt	<i>Hingham Centre</i>	6 M. H.
James Bissett Pratt	<i>Elmira, N. Y.</i>	19 W. C.
Burritt Fitch Prudden	<i>Wilson, N. Y.</i>	20 W. C.
Albert Adien Reynolds	<i>North Adams</i>	21 E. C.
Wallace Everett Richmond	<i>North Adams</i>	6 E. C.
Edwin Nicholas Riggins	<i>East Orange, N. J.</i>	Spring St.
Herbert Francis Roy	<i>Troy, N. Y.</i>	2 M. H.
John Joseph Ryan	<i>North Adams</i>	30 W. C.
Edward A. Shaler	<i>Brooklyn, N. Y.</i>	21 W. C.
Clarence Alexander Smith	<i>Fishkill-on-Hudson, N. Y.</i>	Spring St.
Moses Weld Terrill	<i>Morrisville, Vt.</i>	5 S. C.
Lyman Hinsdell Toombs	<i>North Bennington, Vt.</i>	12 W. C.
Gilbert Earle Treat	<i>Auburn, N. Y.</i>	16 W. C.
Charles Hemenway Upton	<i>Springfield</i>	14 C. H.
Vernon Van Dusen	<i>Mayville, N. Y.</i>	14 M. H.
Clarence Bertrand Van Wyck	<i>Chatham, N. Y.</i>	20 W. C.
Edwin Midgley Walker	<i>Lockport, N. Y.</i>	29 W. C.
John Russell Ward	<i>Williamstown</i>	17 S. C.
Fred Brown Whitney	<i>Waukegan, Ill.</i>	Δ. T. House
Russell Jones Wilbur	<i>Omaha, Neb.</i>	12 M. H.
Frank Marion Williams	<i>Cheshire</i>	The Hermitage
John Kirke Williams	<i>Peacham, Vt.</i>	12 S. C.
Charles Albert Wright	<i>Moravia, N. Y.</i>	16 W. C.

FRESHMEN, 96

PARTIAL COURSE STUDENTS

Chester Averill,	<i>Stockbridge</i>	Mr. Sanford's
James McConnell Bailey	<i>Zanesville, O.</i>	38 M. H.
Henry Comstock Bates	<i>Washington, D. C.</i>	7 M. H.
Samuel Joseph Benson	<i>Troy, N. Y.</i>	4 S. C.
Thomas Edward Besolow	<i>Africa</i>	8 S. C.
Sydney Heatherington Campbell	<i>Cohoes, N. Y.</i>	Mrs. Tenny's

Henry Tefft Clarke, Jr.	<i>Omaha, Neb.</i>	12 M. H.
Christopher Field Clay	<i>Richmond, Ky.</i>	6 M. H.
George Alfred Cluett	<i>Troy, N. Y.</i>	Δ. Ψ. Annex
John Corbin	<i>Plattsburgh, N. Y.</i>	30 M. H.
William Charles Waters Durand	<i>New York City</i>	A. Δ. Φ. House
William Rickcords Folsom	<i>Buffalo, N. Y.</i>	25 M. H.
Daniel Eddie Griswold	<i>Lyme, Conn.</i>	7 M. H.
James Bernard Holbrook	<i>Chicago, Ill.</i>	Mrs. Tenny's
Thomas Temple Hoyne	<i>Chicago, Ill.</i>	Δ. Γ. House
Najib Ibrahim Katibah	<i>Syria</i>	4 W. C.
Ralph Spencer Keep	<i>Lockport, N. Y.</i>	17 M. H.
Karl Tilton Kirk	<i>Zanesville, O.</i>	Mrs. Danforth
Charles Waldron Storke	<i>Auburn, N. Y.</i>	37 M. H.
Howard Stephen Thayer	<i>Tarrytown, N. Y.</i>	26 M. H.
Edward Ashley Watson	<i>Brookline</i>	11 M. H.

PARTIAL COURSE, 21

SUMMARY

GRADUATES	.	.	.	.	.	.	5
SENIORS	.	.	.	.	.	.	62
JUNIORS	.	.	.	.	.	.	85
SOPHOMORES	.	.	.	.	.	.	74
FRESHMEN	.	.	.	.	.	.	96
PARTIAL COURSE	.	.	.	.	.	.	21
TOTAL							343

SUMMARY BY STATES

NEW YORK	.	.	.	.	.	.	138
MASSACHUSETTS	.	.	.	.	.	.	88
OHIO	.	.	.	.	.	.	22
CONNECTICUT	.	.	.	.	.	.	14
ILLINOIS	.	.	.	.	.	.	17
VERMONT	.	.	.	.	.	.	12
PENNSYLVANIA	.	.	.	.	.	.	10
NEW HAMPSHIRE	.	.	.	.	.	.	8

WILLIAMS COLLEGE

NEW JERSEY	.	.	.	.	.	.	6
NEBRASKA	.	.	.	.	.	.	4
KANSAS	.	.	.	.	.	.	3
MAINE	.	.	.	.	.	.	3
MISSOURI	.	.	.	.	.	.	2
COLORADO	.	.	.	.	.	.	2
MICHIGAN	.	.	.	.	.	.	2
OREGON	.	.	.	.	.	.	2
WASHINGTON, D. C.	.	.	.	.	.	.	2
KENTUCKY	.	.	.	.	.	.	1
MINNESOTA	.	.	.	.	.	.	1
VIRGINIA	.	.	.	.	.	.	1
WISCONSIN	.	.	.	.	.	.	1
AFRICA	.	.	.	.	.	.	1
HONOLULU, H. I.	.	.	.	.	.	.	1
TURKEY	.	.	.	.	.	.	1
SYRIA	.	.	.	.	.	.	1
							<hr/>
TOTAL	.	.	.	.	.	.	343
WHOLE NUMBER OF GRADUATES,	.	.	.	.	.	.	3,363

CATALOGUE
OF
WILLIAMS COLLEGE

1894-95

CATALOGUE
OF
WILLIAMS COLLEGE

1894-95

WILLIAMSTOWN, MASS.
PUBLISHED BY THE COLLEGE
1894

CALENDAR.

1894—June 27.—COMMENCEMENT Wednesday

Summer Vacation of Thirteen Weeks.

Sept. 25-26.—Examinations for Admission, Tuesday and
Wednesday.

Sept. 27.—College Year begins Thursday

Oct. 11.—Scenery Day, a holiday Thursday

Nov. 29.—Thanksgiving Day, a holiday Thursday

Dec. 17-20.—Semi - Annual Examinations, Monday to
Thursday.

Dec. 20.—First Term ends Thursday

Winter Vacation of Two Weeks.

1895—Jan. 3.—Second Term begins Thursday

Jan. 31.—Day of Prayer for Colleges Thursday

Feb. 22.—Washington's Birthday, a holiday Friday

Apr. 11.—Second Term ends Thursday

Easter Recess of Eleven Days.

Apr. 23.—Third Term begins Tuesday

May 30.—Memorial Day, a holiday Thursday

June 10.—Senior Examinations begin Monday

June 17-22.—Semi-Annual Examinations, Monday to Satur-
day.

June 22.—Graves Prize Speaking Saturday evening

June 23.—Baccalaureate Sermon Sunday forenoon

June 23.—Mission Park Meeting Sunday afternoon

June 23.—Address before the Mills Y. M. C. A., Sunday
evening.

June 24.—Phi Beta Kappa Meeting Monday evening

June 24-25.—Examinations for Admission, Monday and
Tuesday.

June 25.—Alumni Meeting Tuesday forenoon

June 25.—Class Day Tuesday afternoon

June 25.—Prize Rhetorical Exhibition Tuesday evening

June 26.—COMMENCEMENT Wednesday

Summer Vacation of Thirteen Weeks.

Sept. 24-25.—Examinations for Admission, Tuesday and
Wednesday.

Sept. 26.—College Year begins Thursday

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WILLIAMS COLLEGE

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PRESIDENTS

REV. EBENEZER FITCH, D.D., 1793-1815

REV. ZEPHANIAH SWIFT MOORE, D.D., 1815-1821

REV. EDWARD DORR GRIFFIN, D.D., 1821-1836

REV. MARK HOPKINS, D.D., LL.D., 1836-1872

HON. PAUL ANSEL CHADBOURNE, D.D., LL.D., 1872-1881

FRANKLIN CARTER, PH.D., LL.D., 1881-

TRUSTEES

FRANKLIN CARTER, PH.D., LL.D.,

PRESIDENT

REV. ROBERT RUSSELL BOOTH, D.D., New York City

CHARLES AUGUSTUS DAVISON, M.A., New York City

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WILLIAMS COLLEGE

7

HON. JAMES WHITE, M.A.

TREASURER

REV. CHARLES HENRY BURR, B.A.

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CHARLES A. DAVISON

JAMES M. BARKER

FREDERICK F. THOMPSON

FRANCIS L. STETSON

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HORACE E. SCUDDER

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THE PRESIDENT OF THE COLLEGE, *ex officio*

THE LIBRARIAN OF THE COLLEGE, *ex officio*

PROFESSOR JOHN H. HEWITT

PROFESSOR LEVERETT W. SPRING

PROFESSOR SAMUEL F. CLARKE

FACULTY AND OFFICERS

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President, and Barclay Fermain Professor of Natural Theology

REV. JOHN BASCOM, D.D., LL.D.
Acting Orrin Sage Professor of Political Economy

REV. ARTHUR LATHAM PERRY, D.D., LL.D.
Emeritus Professor of Political Economy

TRUMAN HENRY SAFFORD, PH.D.
Field Memorial Professor of Astronomy

CYRUS MORRIS DODD, M.A.
Professor of Mathematics

JOHN HASKELL HEWITT, M.A.
Garfield Professor of Ancient Languages

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Registrar, and Secretary of the Faculty

Jackson Professor of Christian Theology, and Pastor of the College Church

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Morris Professor of Rhetoric

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Lawrence Professor of the Greek Language and Literature

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Librarian, and Instructor in Biblical Literature

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*J. Leland Miller Professor of American History, Literature, and
Eloquence, and Dean of the Faculty*

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Professor of the German Language and Literature

JOHN EDWARD RUSSELL, M.A.
Mark Hopkins Professor of Intellectual and Moral Philosophy

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SAMUEL FESSENDEN CLARKE, Ph.D.
Professor of Natural History

FRANK P. GOODRICH, Ph.D.
Professor of the German Language and History

ASA HENRY MORTON, M.A.
Assistant Professor of the Romance Languages

HENRY LEFAVOUR, Ph.D.
Thomas T. Read Professor of Physics

JAMES INGRAHAM PECK, Ph.D.
Assistant Professor of Biology

HENRY DANIEL WILD, M.A. *
Assistant Professor of the Latin Language

T. NELSON DALE (GEOLOGIST U. S. G. S.)
Instructor in Geology

* Absent in Europe

WILLIAMS COLLEGE

WARNER FITE, PH.D.
Instructor in Hebrew and Philosophy

FRANK JEWETT MATHER, PH.D.
Instructor in English

HANFORD WISNER EDSON, B.A.
Instructor in Elocution

ARTHUR BURDETT INGALLS, M.A.
Assistant in Chemistry

CLARENCE MCCHEYNE GORDON, M.A.
Instructor in Mathematics and Physics

NATHAN RUSSELL HARRINGTON, B.A.
Assistant in Biology

CHARLES FREDERIC SEELEY
Director of the Gymnasium

WILLIS ISBISTER MILHAM, B.A.
Fellow in Physics

WILLIAMS COLLEGE

The College owes its origin to an educational bequest of Colonel Ephraim Williams for the purpose of establishing "a Free School" in Williamstown. The charter of this school, which was granted March 8, 1785, reads as follows :

AN ACT for directing the use and appropriation of a charitable donation, made in a certain clause in the last will and testament of Ephraim Williams, Esq., for the support and maintenance of a Free School in Williamstown, in the County of Berkshire ; and for incorporating certain persons as trustees, in order more effectually to execute the intention of the testator, expressed in the same.

WHEREAS, Israel Williams, Esq., and John Worthington, Esq., executors of the last will and testament of Ephraim Williams, Esq., deceased, have represented to this court that the said Ephraim Williams, on the twenty-second day of July, Anno Domini one thousand seven hundred and fifty-five, made his last will and testament ; in which after divers bequests, devises, and dispositions, is contained the following clause, viz. :

Item : " It is my will, desire, and pleasure that the remaining part of the lands, not yet disposed of, shall be sold at the discretion of my executors, within five years after an established peace ; and the interest of the money and also the interest arising from my bonds and notes shall be appropriated towards the support and maintenance of a Free School, in a township west of Fort Massachusetts, commonly called the West Township, forever ; provided, the said township shall fall within the jurisdiction of the province of Massachusetts Bay ; and provided, also, the Governor and General Court give the said township the name of Williamstown ; and it is further my will and desire, that if there should remain any monies of the said above donation for the school, it be given towards the support of a school in the East Township, where the fort now stands ; but in case the above provisos are not complied with, then it is my last will and choice that the interest of the above-mentioned monies be appropriated to some pious and charitable uses, in manner and form as above directed in the former part of my last will and testament."

And, whereas the said executors have further represented, that it may be a matter of doubt and uncertainty whether the township mentioned in the

above recited clause (which is now incorporated by the name of Williamstown) has so far fallen within the jurisdiction of the province of Massachusetts, now Commonwealth of Massachusetts, in the sense of the testator, as that they might be justified in appropriating the said donation to the support and maintenance of a Free School in the said town ; and have submitted their duty to the determination of this court, praying that an act may be passed to declare their duty, and to indemnify them in the execution of the same.

SECTION 1. Be it enacted by the Senate and the House of Representatives, in General Court assembled, and by authority of the same, that the donation made in the clause before recited ought to be presently applied to the use and maintenance of a Free School in the town of Williamstown, in the County of Berkshire, and that in case the said donation shall afford an annual interest more than sufficient for the supporting and maintaining such school in Williamstown, then the surplusage be appropriated to the use and maintenance of a Free School in the tract of land called by the testator East Township, now incorporated by the name of Adams, with other lands adjoining, and that the said executors be, and hereby are, indemnified in applying and appropriating the said donation to the uses above expressed, and shall be liable to no action or suit in law or equity, on account of such appropriations.

And, whereas the said executors have further prayed that for carrying into complete execution the intention of the testator, a corporation may be created and vested with such powers as may be necessary for that purpose,

SECTION 2. Be it therefore enacted by the authority aforesaid, that William Williams of Dalton, Theodore Sedgwick, Woodbridge Little, John Bacon, Thomson Joseph Skinner, Esquires, the Reverend Seth Swift and Daniel Collins, Mr. Israel Jones and Mr. David Noble, and their successors, to be elected and appointed as hereinafter directed and provided, be, and hereby are, incorporated, and shall be a corporation forever by the name of "The Trustees of the Donation of Ephraim Williams, Esq., for Maintaining a Free School in Williamstown" ; and that the said trustees and their successors be, and hereby are, vested with all the powers, rights, and immunities, which are by law incident to aggregate eleemosynary corporations.

SECTION 3. And be it further enacted, that the said corporation shall always consist of a number of not less than seven, nor more than nine persons, excepting only that whenever a vacancy shall happen by death, removal, refusal, or resignation of any member or members, so that the number be reduced to less than seven, the aforesaid number, then the remaining or surviving trustees shall have full power to perform all corporate acts until such vacancy be supplied ; and the said trustees shall elect and appoint a clerk of the corporation, who shall fairly enter and record all

votes, acts, orders, and proceedings made, done, or passed by the trustees ; and shall elect a proper person to be their treasurer, who shall receive into his hands all monies belonging to the corporation, and pay the same pursuant to the order of the trustees, and shall always keep a fair account of all receipts and payments.

SECTION 4. And be it further enacted, that the power of electing and appointing successors in case of the death, removal, refusal, or resignation of any of the trustees be, and hereby is, vested solely in the Supreme Judicial Court of this Commonwealth ; and whenever any of the above mentioned cases shall happen, the trustees shall, as soon as conveniently may be, certify the same to the Justices of the said court, that a successor may be appointed ; and the Justices of the same court are hereby empowered to remove from office and trust any member of the corporation who shall, in their judgment, be unfit to hold the same, by reason of incapacity, misdemeanor, negligence, or breach of trust.

And to the intent that the said donation may not be wasted, mismanaged, or perverted from its original intention,

SECTION 5. Be it further enacted by the authority aforesaid, that the said corporation, and the donation itself, shall always be under the visitation and direction of the Supreme Judicial Court, who are hereby empowered to visit the said corporation to rectify all abuses, to determine all matters of doubt or dispute touching the duty of the trustees, and the use, application, or appropriation of monies or interests to the same donation belonging ; and to make all such orders and regulations with respect to the use, management, and appropriation of the same donation and every part thereof, as they shall judge necessary or useful in order to promote the best interests of the school, according to the true meaning and intention of the testator and such laws of this Commonwealth as may be in force respecting the same ; and the said court, whenever they shall judge necessary, shall cause the said trustees to come before them, either to render an account of expenditures and dispositions of monies, or to answer for any mismanagement or breach of trust ; and the trustees shall appear and lay their accounts, papers, records, and corporation books before the said court for inspection, whenever they shall be required thereto.

SECTION 6. And be it further enacted that the said trustees and their successors for ever shall have the possession, management and disposition of the whole interest and estate, real and personal, which is contained in and given, bequeathed, devised, or disposed of by the above recited clause in the will aforesaid ; and they are hereby empowered and directed, as soon as conveniently may be, to erect and maintain a Free School within the said town of Williamstown, for the instruction of youth, in such manner as most effectually to answer the pious, generous, and charitable intention of the testator, and agreeable to such orders and instructions as they may, from

time to time, receive from the Supreme Judicial Court ; and they are hereby empowered to appoint and employ instructors, masters, and officers, as shall be necessary for that purpose.

And to the intent that the said trustees may be enabled, in the most easy and expeditious manner, to receive into their own possession and management, the whole estate, property and interest, contained in the aforesaid donation,

SECTION 7. Be it further enacted by the authority aforesaid, that the said executors, shall, at the request of the trustees, make and execute to the said trustees a deed or deeds of conveyance of all such lands or real estate as belong to said donation, and yet remain unsold, in which deed or deeds it shall be expressed that the executors do grant to the trustees the right, estate, and interest of the testator, and of themselves, in and to the described lands or tenements to the trustees and their successors forever ; and the said executors shall deliver over into the hands of the trustees, at their request, all such personal securities or mortgages as the executors now have in their own hands, and which are a part of the same donation ; all which securities, whether bonds, promissory notes, mortgage deeds, or of what name or description soever, being endorsed with the name of the said executors, or one of them, and delivered as aforesaid, shall become the property of the trustees to all intents and purposes ; and they are hereby empowered, in the name of the corporation, to bring any action or actions against the obligors, promissors, mortgagors, or tenants, for recovering the contents of the same securities or possession of mortgaged estates, which action or actions shall be holden to be good and valid in law for that purpose, as if the securities or mortgage deeds had been originally made to the trustees by their corporate names.

And, whereas the testator has directed, that in case his principal donation should afford an interest more than sufficient for the support and maintenance of the school in Williamstown, the surplusage should be improved to the use of a school in the East Township, now called Adams, in the said County of Berkshire ; and whereas questions and disputes may arise touching the (nature) meaning and extent of this part of the will, and when there may be said to be a surplusage beyond what should be necessary, according to the intent of testator, for the support of the school in Williamstown.

SECTION 8. Be it further enacted, that in case of such surplusage, the said trustees are hereby empowered and directed to use and employ the same for erecting and supporting a Free School in the said town of Adams, in the same manner as has been in this act before provided in respect of the school in Williamstown ; and that all questions and disputes that may arise concerning such surplusage, and the duty of the trustees in respect of the several schools, shall be determined by the Supreme Judicial Court ; and the trustees shall always conform their conduct and administration herein

to such orders and determinations as shall, from time to time, be made by the same court.

SECTION 9. And be it further enacted, that the Supreme Judicial Court may, at their discretion, exercise all the powers vested in them by virtue of this act, at any of the sessions holden within the counties of Berkshire or Hampshire ; and in all trials at law, the court, ex-officio, shall take notice of this act to all intents and purposes whatsoever, and the same shall be given in evidence under any general issue.

At their first meeting, April 24, 1785, the trustees passed a resolution to the effect that "it is the sense of the corporation that the Free School in Williamstown be open and free for the use and benefit of the inhabitants of that town and of the free citizens of the American States indiscriminately." They also decided that "it will best coincide with the liberal views of the donor and the intention of the legislature to admit no pupil to the Free School * * * not having been taught to read English well."

As they found it difficult to collect the necessary funds for erecting a building the trustees sent a petition, August 19, 1788, to the legislature "for the grant of a lottery to raise the sum of twelve hundred pounds." The act was passed February 11, 1789, part of which is as follows :

WHEREAS, it appears that it would promote the education of youth to erect a suitable building for the accommodation of the Free School in Williamstown, and the trustees of said school have represented their inability to accomplish the same without the aid of the legislature, and have requested that a lottery may be granted for that purpose :

Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, that there be, and hereby is granted a lottery, for raising a sum not exceeding twelve hundred pounds, the profits of which, after paying the necessary expenses of managing the same, shall be applied for the purpose of erecting the aforesaid building.

The initial step toward a transformation of the Free School into a college was taken at a meeting of the trustees, May 23, 1792. In a petition to the legislature they "humbly showed" what had been done already, and set forth the "several cir-

cumstances attending the situation of the Free School * * * peculiarly favorable to a seminary of a more public and important nature." The petition was granted, and an act to establish the College and to transfer to it the property of, the Free School was passed June 22, 1793 :

Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, that there be erected and established, in the town of Williamstown, in the County of Berkshire, a college, for the purpose of educating youth, to be called and known by the name of Williams College, to be under the government and regulation of a body politic and corporate as hereafter in this act is provided.

* * * * *

And be it further enacted by the authority aforesaid, that the clear rents, issues, and profits of all the estate, real and personal, of which the said corporation shall be seized or possessed, shall be appropriated to the endowment of said College in such a manner as shall most effectually promote virtue and piety and the knowledge of such of the languages and of the liberal arts and sciences as shall hereafter be directed from time to time by the said corporation.

* * * * *

And be it further enacted by the authority aforesaid, that all the property, real and personal, belonging to the trustees of Williamstown Free School, be, and the same hereby is vested in the corporation, which by this act is created.

And be it further enacted by the authority aforesaid, that there be, and hereby is granted to the trustees of Williams College, for the use, benefit, and purpose of supporting said college, twelve hundred pounds, to be paid out of the treasury of this Commonwealth ; three hundred pounds of the same to be paid the first day of September, one thousand seven hundred and ninety-three, and three hundred pounds annually, on the first day of September, for the three succeeding years.

February 26, 1796, an additional act was passed, as follows :

WHEREAS, doubts have arisen, whether the rights and credits which, previous to passing the act aforesaid, were vested in and belonging to the trustees of the donation of EPHRAIM WILLIAMS, Esquire, for maintaining a Free School in WILLIAMSTOWN, are by virtue of the same act transferred to and vested in the Corporation of the PRESIDENT AND TRUSTEES OF WILLIAMS COLLEGE ;

Be it therefore enacted by the Senate and House of Representatives, in General Court assembled, and by the authority of the same, that the said rights and credits be and hereby are transferred to and vested in the said Corporation of the PRESIDENT AND TRUSTEES OF WILLIAMS COLLEGE, who are hereby authorized to commence and prosecute to final judgment and execution, any suit or action in law or equity, which the said Trustees of the donation of EPHRAIM WILLIAMS, Esquire, for maintaining a Free School in WILLIAMSTOWN, might heretofore have commenced or prosecuted.

On petition of the trustees the legislature passed an act February 4, 1796, granting the college two townships of land "of the contents of six miles square each, to be laid out and assigned from any of the unappropriated lands belonging to this Commonwealth in the District of Maine." The act provided that the trustees "shall cause to be settled fifteen families in each of said townships within twelve years from the passing this resolve ; and also that there be reserved in each township three lots of three hundred and twenty acres each for the following uses, viz., one lot for the first settled minister, one lot for the use of the ministry, and one lot for the use of schools in each of said townships." These lands were sold for about \$10,000, and the proceeds devoted to building East College.

Nine years later the college again appealed to the legislature for assistance. A committee of that body, which investigated the condition and prospects of the institution, made the following report, February 19, 1805 :

The Committee of both houses, to whom was referred the petition of the President and Trustees of Williams College, praying the aid of government, to enable them to build a chapel for the performance of divine service, and for keeping the college library and apparatus, having examined the origin, rise, and progress of that seminary, from its institution to the present time, together with the aid heretofore afforded by the government, and the existing state of its funds, beg leave to observe, That the funds granted by the original donor and the government have, in the opinion of the Committee, been judiciously applied to the object of the institution, and with success exceeding the most sanguine expectations, and that the present state of the college affords a reasonable and pleasing expectation of its future extensive benefits to society, and that a chapel for the purposes above mentioned

would essentially promote the same ; and as the encouragement and grants of the government to that college have not been equal to those made to other seminaries in the Commonwealth, the Committee ask leave to report the following Resolve :

Resolved, for reasons set forth in the petition, that there be and hereby is granted one township of land of the contents of six miles square to be laid out and assigned from any of the unappropriated lands belonging to the Commonwealth, in the District of Maine, except the ten townships lately purchased of the Penobscot Indians. * * *

In 1809 the legislature granted another township of land in Maine "for further aid in support of Williams College and for the erecting of other buildings for the convenience of the institution and for sustaining a professor of the Oriental languages." The sum of \$9,500 was realized from the last two townships.

The legislature passed an act Feb. 24, 1814, "for the Encouragement of Literature, Piety and Morality and the Useful Arts and Sciences," and appropriated the taxes due to the Commonwealth from the Massachusetts Bank, "for the ten years next to come," to Harvard, Williams, and Bowdoin. Of this fund Williams received "three sixteenth parts," which amounted to \$30,000. In 1859 the State gave the college \$25,000, and in 1868, \$75,000. The total of these legislative gifts is \$153,500.

The principal college buildings, with the dates of their erection and their approximate cost, are as follows : West College, 1790, \$11,700 ; East College, 1798, \$12,400—burned in 1841, rebuilt 1842, \$7,000 ; South College, 1842, \$5,000 ; Griffin Hall Chapel, 1828, \$10,000 ; Hopkins Observatory, 1837, \$3,000 ; Lawrence Hall Library, 1846, \$7,000 ; Kellogg Hall, 1847, \$5,000 ; Jackson Hall, 1856, \$4,000 ; Alumni Hall Chapel, 1859, \$20,000 ; Goodrich Hall, 1864, \$25,000 ; College Hall, 1872, \$5,000 ; Clark Hall, 1882, \$25,000 ; Field Memorial Observatory, 1882, \$8,000 ; Morgan Hall, 1882, \$82,400 ; Lasell Gymnasium, 1886, \$50,000 ; Library Extension, 1890, \$10,000 ; Hopkins Memorial Hall, 1890, \$87,800 ; Thompson Chemical

Laboratory, 1892, \$60,000 ; Thompson Physical Laboratory, 1893, \$60,000 ; Thompson Biological Laboratory, 1893, \$60,000. Total, \$558,300.

The corporate name of the college is THE PRESIDENT AND TRUSTEES OF WILLIAMS COLLEGE

TERMS OF ADMISSION

Each candidate for admission must present a testimonial of good character from the teacher under whom he was prepared for college.

THE COURSE WITH GREEK.

Candidates for admission to the Freshman class in this course must present satisfactory qualifications in the following books and subjects :

GEOGRAPHY.—Ancient and Modern.

HISTORY.—Greek to the death of Alexander, and Roman to the reign of Augustus. Smith's Smaller History of Greece, or Oman's History of Greece, and Leighton's History of Rome are recommended.

MATHEMATICS.—Arithmetic, including the metric system. Algebra, through quadratic equations, including radical quantities. Plane Geometry.

ENGLISH.—Two sets of books are prescribed for preparation in English, one for reading, the other for more careful study. No candidate will be accepted in English whose work is notably deficient in point of spelling, punctuation, idiom, or division into paragraphs. The examination will consist of two parts :

1. *Reading and Practice.*—The candidate will be required to present evidence of a general knowledge of the subject-matter of the books assigned, and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of a part or the whole of this test, the candidate may be allowed to present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the books.

The books set for this part of the examination will be :

- 1895.—Shakspeare's Twelfth Night ; The Sir Roger de Coverley Papers in "The Spectator" ; Irving's Sketch-Book ; Scott's Abbot ; Webster's First Bunker Hill Oration ; Macaulay's Essay on Milton ; Longfellow's Evangeline.
- 1896.—Shakspeare's Midsummer Night's Dream ; Defoe's History of the Plague in London ; Irving's Tales of a Traveller ; Scott's Woodstock ; Macaulay's Essay on Milton ; Longfellow's Evangeline ; George Eliot's Silas Marner.
- 1897.—Shakspeare's As You Like It ; Defoe's History of the Plague in London ; Irving's Tales of a Traveller ; Hawthorne's Twice Told Tales ; Longfellow's Evangeline ; George Eliot's Silas Marner.
- 1898.—Milton's Paradise Lost, Books I. and II. ; Pope's Iliad, Books I. and XXII. ; The Sir Roger de Coverley Papers in "The Spectator" ; Goldsmith's Vicar of Wakefield ; Coleridge's Ancient Mariner ; Southey's Life of Nelson ; Carlyle's Essay on Burns ; Lowell's Vision of Sir Launfal ; Hawthorne's The House of the Seven Gables.

2. *Study and Practice*.—This part of the examination presupposes a more careful study of each of the works named below. The examination will be upon subject-matter, form, and structure, and will also test the candidate's ability to express his knowledge with clearness and accuracy. The books set for this part of the examination will be :

- 1895.—Shakspeare's Merchant of Venice ; Milton's L'Allegro, Il Penseroso, Comus, and Lycidas ; Macaulay's Essay on Addison.
- 1896.—Shakspeare's Merchant of Venice ; Milton's L'Allegro, Il Penseroso, Comus, and Lycidas ; Webster's First Bunker Hill Oration.
- 1897.—Shakspeare's Merchant of Venice ; Burke's Speech on Conciliation with America ; Scott's Marmion ; Macaulay's Life of Samuel Johnson.
- 1898.—Shakspeare's Macbeth ; Burke's Speech on Conciliation with America ; De Quincey's Flight of a Tartar Tribe ; Tennyson's The Princess.

LATIN.—Grammar, Allen and Greenough's, Gildersleeve's or Harkness's ; translation of simple sentences into Latin prose ; Cæsar, four books ; Cicero, seven orations ; Virgil, the Bucolics, and six books of the Æneid ; translation at sight of passages from easy Latin prose. Equivalents from other authors will be accepted in part. Candidates are expected to pronounce Latin according to the Roman method as set

forth in Allen and Greenough's Latin Grammar, § 16, or Harkness's §§ 5, 6 and 7. Harper's Latin Dictionary is recommended.

GREEK.—Hadley and Allen's or Goodwin's Grammar; translation of simple English sentences into Greek; Xenophon, four books of the Anabasis; Homer, two books of the Iliad; translation at sight of passages from easy Greek prose. One hundred and twelve pages of Goodwin's Greek Reader will be accepted as an equivalent for four books of the Anabasis. Candidates are expected to pronounce Greek according to the written accents, and in conformity with §§ 11, 14, 19, 20, and 21 of Hadley and Allen, or according to Goodwin's preface and § 28 of his revised edition. For Greek Prose Composition, Jones, Woodruff, Collar and Daniell, or Allinson (pages 105–121) is recommended. The seventh unabridged edition or the intermediate (but not the abridged) edition of Liddell & Scott's Greek Lexicon is also recommended. In order to help pupils to form a correct style, teachers are requested to insist upon the use of simple and idiomatic English in translating Latin and Greek.

THE COURSE WITHOUT GREEK.

The equivalent of two years of French (courses 1 and 2) or German (courses 1 and 2), or one year of either French or German and one year of advanced Mathematics will be accepted in place of Greek.

Examinations, both written and oral, are required in French and German, while in advanced Mathematics certificates will be accepted only from those schools which have obtained the certificate privilege for this subject by special application. All candidates for admission to the Freshman class in this course, whether by examination or by certificate, must, in addition to the requirements in Mathematics, English, Latin and Geography specified in the course with Greek, present satisfactory qualifications in the following books and subjects:

FRENCH. I. I. Ability to translate simple prose at sight. For this purpose at least three hundred pages of easy prose, fiction preferred, should be read. Such books as Halévy's *L'Abbé Constantin*, Mérimée's *Columba*, Dumas' *Le Duc de Beaufort* are suggested.

II. Proficiency in elementary grammar, including irregular verbs and the ability to pronounce well. To test this proficiency, simple sentences, illustrating principles and idioms, will be set for translation from English into French. Whitney's French Grammar, Part I., indicates the ground to be covered.

FRENCH. 2. I. Ability to translate standard French at sight. For this purpose at least fifteen hundred pages of prose and verse should be read, including classic plays from Corneille, Molière, Racine and Hugo, one from each, and one thousand pages of nineteenth century prose. *Le Cid*, *L'Avare*, *Athalie* and *Hernani* are recommended, and such prose fiction as About's *Les Mariages de Paris* and Dumas's *Les Trois Mousquetaires*. A large part of this reading should be done at sight. II. Prose composition. Adequate preparation involves, (a) In addition to elementary grammar, a fair knowledge of the use of the subjunctive and infinitive, and of ordinary idioms. (b) The translation of at least twenty-five pages of narrative prose from English into French. (c) Ability to write in French for perhaps half an hour, on a subject, assigned at the time, taken from some book which has been read by the student. Grandgent's *Materials for French Composition*, based on L'Abbé Constantin is suggested as a good book. Prose composition is the most difficult part of the examination and should receive careful attention during two years. III. Literature. It is desirable that students should have a general knowledge of French literature of the last three centuries. Such knowledge may be obtained by the study of the principal authors of those centuries as outlined in such a book as Duval's *Histoire de la Littérature Française*. Ability to answer questions under III. will be accepted as an equivalent for II. (c).

GERMAN. 1. I. Ability to translate at sight simple prose; in preparation for this the student should have read one hundred and fifty pages of easy narrative prose. II. Proficiency in elementary grammar including the rules for the arrangement of German sentences. Whitney's *Compendious German Grammar* is recommended. There should be some practice in translating connected prose from English into German. Attention should be paid to a distinct pronunciation, for which purpose the memorizing of some well known lyrics is suggested.

GERMAN. 2. I. For the examination in 1895 the following books are to be read: Freytag, *Doktor Luther*; Lessing, *Minna von*

Barnhelm ; Schiller, Wilhelm Tell ; Goethe, Hermann und Dorothea : Kluge, Litteraturgeschichte, (chapters on Lessing, Schiller, and Goethe, with illustrative selections from these authors). While reading at sight will be an essential part of the examination, the candidate will be tested on the works given above with regard to both language and subject-matter. II. There will also be an exercise in prose composition, for which purpose the candidate should have translated about forty pages of narrative prose from English into German.

ADVANCED MATHEMATICS.—I. Solid Geometry, as much as is contained in the ordinary text-books such as Chauvenet (Books VI.—IX.), Wentworth, Wells or Newcomb (Books VIII.—XI.). The examination will also include propositions for original demonstrations dependent on easy deductions from the standard propositions given in the text-books. II. Plane Trigonometry, including Goniometry and the practical use of Logarithmic Tables, as much as is contained in the first chapters of Chauvenet's Treatise (omitting the fine print), or the first four chapters of Wentworth's. III. Algebra, the subjects of the properties of Quadratic Equations, Imaginaries, Inequalities, Ratio and Proportions, the Progressions, the Binomial Theorem (with positive whole exponents), Variables and Limits, Series and Complex Numbers as treated in Wentworth's or Wells's College Algebra, or in the corresponding chapters in Hall and Knight's or Todhunter's Higher Algebra.

HISTORY.—Candidates not offering Greek may substitute for Greek History either Montgomery's English History or Montgomery's American History or equivalents. The certificate privilege may cover this requirement.

Candidates for admission to an advanced standing will be examined in the studies that have been pursued by the classes which they wish to enter, or in other equivalent studies.

They may at their option anticipate any prescribed scientific course of the college in Astronomy, Biology, Chemistry, or Physics, and substitute in its place laboratory or other advanced work. Special examinations will be held for this purpose.

Students who come from other colleges and who bring certificates of dismission, may, upon proof of their qualifications, be admitted to a corresponding standing in this college.

ADMISSION BY CERTIFICATE.

The privilege of sending students to this college by certificate is granted to schools which ask for it and which comply with the conditions on which this privilege is given, but it is not granted to private tutors and is revocable in all cases when it is not properly exercised.

Principals of schools who wish their students to be admitted by certificate must furnish the Secretary of the Faculty such information respecting their courses of study and their experience and success in preparing students for college as will enable the Faculty to act intelligently in reference to their applications.

Certificates must be made out on blanks furnished by the Secretary of the Faculty, and in accordance with the instructions contained therein. These certificates must contain an explicit statement of the work done by the candidates and the time devoted to it. If the work covered by the certificate is considerably less than the amount required for admission, or if the time devoted to a given subject is inadequate (for instance less than three years of thirty-six weeks each upon Latin and less than two years on Greek), the certificate will not be accepted for the subject in which the deficiency occurs, though it will remain valid for other subjects. In such cases an examination upon the subjects involved will be required.

No certificate will be accepted for the French and German required for admission to the course without Greek, nor for an optional examination in science, nor for any part of the work which a class has done. A student who has failed to pass the entrance examinations at this or any other college will not be received by certificate, unless he has subsequently spent at least a year of study in the school which issues the certificate. For slight deficiencies, conditions may be imposed. Certificates must be signed by the principal of the school, and if possible, sent before Commencement to the Secretary of the Faculty.

ADMISSION TO THE PARTIAL COURSE.

Subject to certain conditions, students may pursue a partial course in this college. Each applicant for admission to this course is required to state in writing what preparation he has made, whether he has been rejected at any previous entrance examination, and what studies he wishes to pursue. He must also present a certificate of good character from the school which he has last attended, unless he comes from another college, in which case he must bring a letter of honorable dismissal. Candidates for this course must have studied some foreign language, ancient or modern, for three years, and, unless admitted by certificate, they will be examined in these subjects, and also in the Geography, History, English, and Mathematics required for admission to the Freshman class ; but in place of Ancient History, Montgomery's English History or Montgomery's American History or equivalents, will be accepted.

Partial-course students must choose courses which will give them at least twelve hours of class-room work a week (or eleven hours if Freshman courses only are chosen). A student who has offered a modern language for admission, cannot pursue the same subject in the elementary course in college. He may take the advanced course if he satisfy his instructor of his ability to do so.

Partial-course students who come directly from a preparatory school must take at least seven hours a week with the Freshman class, unless they can anticipate by examination a full year's work in one or more of the Freshman studies, in which case they may take a corresponding number of hours with an advanced class ; but, on entering, partial-course students are allowed to take no more than three hours a week of Junior studies and none of the Senior studies unless they can anticipate by examination all the work preparatory to these studies. They must continue each study chosen through the college year, or till the termination of that study.

Partial-course students may be dismissed at any time if the Faculty are convinced that they are not qualified to do their

current work or are not making a good use of their opportunities.

PRELIMINARY EXAMINATIONS.

Preliminary examinations in a part of the requirements for admission will be given to candidates desiring them one year in advance, provided they bring from the principals of their schools certificates specifying the subjects in which their teachers consider them prepared. The examination will cover the whole of each subject offered by the candidate. For example, Cicero, Xenophon, or Algebra cannot be divided between the preliminary and the final examinations.

In order to prevent an interruption to studies which are to be continued in the college course, candidates are requested to reserve the following subjects for the final examinations: Cicero or Virgil, Latin Prose Composition, Homer, Greek Prose Composition, Geometry, or English.

No credit will be given for the preliminary examination, unless the applicant pass in a substantial part of the subjects offered, and the preliminary certificate will be valid for one year only, unless the examination has been passed in a specially creditable manner.

The examinations for admission, in 1895, will be held in Room No. 4 Hopkins Hall on the Monday and Tuesday preceding Commencement, and the Tuesday and Wednesday preceding the opening of the college year in September, as follows:

FIRST DAY.

11 A.M.—Registration.

Modern and Ancient Geography.

Greek and Roman History.

English and American History.

2 P.M.—French, German, Greek.

SECOND DAY.

9 A.M.—Latin.

2 P.M.—English.

3½ P.M.—Mathematics.

COURSES OF INSTRUCTION

The number of courses of instruction that are required of each class is stated in connection with the exhibit of studies on page 44. Each student in full course is required to take studies amounting to sixteen hours a week. All of the studies of Freshman year and of the first term of Sophomore year are prescribed. For the second and third terms of Sophomore year those who take the course with Greek may elect Greek, Latin, or Mathematics; those who take the course without Greek elect Mathematics or Latin. In Junior and Senior years six hours of work are prescribed, and ten are to be chosen from the elective courses, but Juniors must include in their electives either French or German.

DEPARTMENT OF LANGUAGE AND LITERATURE

GREEK

Professors FERNALD and HEWITT and Dr. FITE.

1. *Herodotus*.—Portions of his histories as found in Fernald's Selections. While the principal object of this course is to acquire familiarity with the style and matter of Herodotus, the work is interspersed with oral and written exercises in review of the grammatical forms and with reading at sight.

Freshman required course. Four hours a week during the first term.

Professor FERNALD.

2. *Homer*.—Books I., VI., and VII. of the *Odyssey* will be read and some of the principal Homeric questions will be discussed in lectures. The students are encouraged to read beyond the limits prescribed for the class. For such work, if carefully done without neglect of the regular duties, special credit will be given.

Freshman required course. Three hours a week during the second term.

Professor FERNALD.

3a. *Lysias*.—Bristol's edition will be used. Special attention will be given to the political and social allusions which abound in the orations of Lysias. There will also be lectures, illustrated with photographs and other material, upon Greek Architecture and Antiquities.

Freshman required courses. Three hours a week during the third term.
Professor FERNALD.

3b. *Greek Prose Composition*.—Freshman required course. One hour a week during the third term.
Dr. FITE.

4. *Plato and Euripides*.—The Protagoras and the Iphigenia among the Taurians. Lectures on Pre-Socratic Greek Philosophy and on the Greek Theater.

Sophomore required course. Four hours a week during the first term.
Professor HEWITT.

5. *Æschylus, Sophocles, and Aristophanes*.—In the second term the Agamemnon and Antigone will be read chiefly from the literary point of view, and special attention will be given to points of similarity and dissimilarity between the ancient and modern drama. A portion of the time will be given to lectures on the Greek Drama. In the third term two exercises a week will be devoted to the reading of Aristophanes. In place of the third exercise each member of the class will be required to do original work in Greek Syntax or editorial work upon a portion of one of the Greek plays.

Sophomore elective course. Three hours a week during the second and third terms.
Professor HEWITT.

6a. *Plato*. The Phædo.—Special attention will be given to the philosophy of Plato and to the characteristics of his literary style.

Senior and Junior elective course. Three hours a week during the first term.
Professor HEWITT.

6b. *Thucydides*.—The term will be devoted to the seventh book of Thucydides (Smith's edition), containing the history of the latter part of the expedition of the Athenians to Sicily and of the disaster which befell them there, B.C. 413.

Senior and Junior elective course. Three hours a week during the second term.
Professor FERNALD.

6c. *Theocritus*.—The work will consist chiefly of the reading of the Idylls and a discussion of Greek pastoral poetry and of the literature of the Alexandrian period. Attention is drawn to points of resemblance between Theocritus and certain modern poets.

Senior and Junior elective course. Three times a week during the third term.
Professor HEWITT.

LATIN

Professor HEWITT, Assistant Professor ALLINSON, and Dr. FITE.

1. *Livy*.—Books XXI. and XXII. Reading at sight, Book I., Westcott's edition. Especial attention will be given to the history of the times in connection with Books XXI. and XXII.

Freshman required course. Three hours a week during the first term.

Dr. FITE.

2a. *Horace*.—Odes. Lectures on the Archæology and Topography of Rome.

Freshman required course. Three hours a week during the second term.

Professor HEWITT.

2b. *Latin Prose Composition*.—Exercises.

Freshman required course. One hour a week during the second term.

Dr. FITE.

3. *Tacitus*.—*Agricola* and *Germania*, with rapid and sight reading of portions of the *Annals*.

Freshman required course. Four hours a week during the third term.

Assistant Professor ALLINSON.

4. *Plautus and Terence*.—The *Captivi* of Plautus with Hallidie's introduction to metres and prosody. The *Phormio* of Terence.

Sophomore required course. Three hours a week during the first term.

Assistant Professor ALLINSON.

5. *Cicero and Pliny*.—Letters, with attention to the life and times of these authors. Private life and customs of the Romans.

Sophomore elective course. Three hours a week during the second and third terms.

Assistant Professor ALLINSON.

6a. *Cicero, Juvenal, Quintillian*.—The *De Signis* of Cicero will be read with special attention to archæological questions. Also the *Satires* of Juvenal and *Quintillian*, Book X.

One hour a week during a portion of the time will be devoted to essays and discussions on special topics assigned.

Senior and Junior elective course. Three exercises a week during the first and second terms.

Assistant Professor ALLINSON.

6b. *Tacitus*.—The *Annals*. Selections will also be read from *Suetonius* and *Velleius Paterculus*. Special attention will be given to the study of the life and character of *Tiberius*.

Senior and Junior elective course. Three exercises a week during the third term.

Professor HEWITT.

ENGLISH

Professor SPRING, Dr. MATHER, and Mr. EDSON.

1. *Rhetoric*.—Genung's Outlines of Rhetoric will be used as a text-book. The hour will be mainly devoted to the analysis of models of style and to the writing of exercises to give practice in applying specific principles of Rhetoric.

Freshman required course. One hour a week during the second and third terms. Mr. EDSON.

2. *Historical English*.—A study in outline of the development of the English language and literature from the earliest literary documents to the year 1590. Special attention will be given to the more important authors. Essays by the class and occasional lectures by the instructor will supplement the work of recitation.

Text books :

First term.—Bright's Anglo-Saxon Reader.

Second term.—Sweet's First Middle English Primer, Lounsbury's and Skeat's editions of Chaucer's Parliament of Fowls, Legend of Good Women, Prologue, and Knight's Tale.

Third term.—Skeat's Specimens of Early English Literature, A.D. 1394–A.D. 1579, the Globe edition of Spenser, or Kitchin's editions of books I. and II. of the Faëry Queene.

Junior elective course. Three hours a week during the year.

Dr. MATHER.

3. *Literature of the Age of Elizabeth*.—Selections from Marlowe, Shakspeare, Bacon, Milton, and Sir Thomas Browne will be discussed in the class-room. A course of outside reading will be assigned from Peele, Ben Johnson, Beaumont and Fletcher, Webster, and others.

Senior elective course. Three hours a week during the year.

Professor SPRING.

4. *From Spenser to Tennyson*.—Lectures on the progress and interpretation of English literature during this period.

Senior required course. Two hours a week during the second term and three hours during the third term. Professor SPRING.

5. *Essays and Orations*.—Freshmen are required to submit for criticism one essay ; Sophmores, two orations and one essay ; Juniors, two essays and one oration ; and Seniors, two essays.

Professor SPRING, Dr. MATHER, and Mr. EDSON.

6. *Elocution*.—The work of the Freshman year consists of individual drill in declamation, both in private and before small divisions of the class. Six of these rehearsals are required from each student.

The required work in the Sophomore year consists of training in the delivery of orations during the first and second terms. Upon this work is based the selection of speakers for the prize contest in oratory.

In the Junior and Senior years the delivery of orations is optional, except for those who wish to compete for prizes or to be considered eligible for appointment as speakers upon the Commencement stage.

Opportunity for systematic work in voice development and gesture is afforded to members of all classes through concerted exercises given four times a week during the second term. In connection with these exercises, individual instruction is given to students desiring special work, either in voice building or in expression, as a preparation for public speaking.

Mr. EDSON.

FRENCH

Mr. FARNSWORTH and Assistant Professor MORTON.

1. *French*.—Houghton's French by Reading, Halévy's *L'Abbé Constantin*, Dumas' *Le Duc de Beaufort*, Mérimée's *Colomba*.

Freshman required course. Three hours a week during the year.

Mr. FARNSWORTH.

2. *French*.—Grammatical Reviews, French prose composition, Heath's series, Lectures on French language and literature, Duval's *Histoire de la Littérature Française*; Molière's *L'Avare* and *Les Fourberies de Scapin*; Corneille's *Le Cid*; Racine's *Athalie*; About's *Les Mariages de Paris*; Dumas' *Les Trois Mousquetaires*. Reading at sight. Private readings of nineteenth century prose.

Junior elective course. Four hours a week during the year.

Mr. FARNSWORTH.

3. *French*.—Molière and Victor Hugo. Private readings from these authors; lectures on Molière, Hugo, and the literature contemporary with them. French prose composition, Heath's series.

Senior elective course. Three hours a week during the year.

Assistant Professor MORTON.

GERMAN

Professors WAHL and GOODRICH.

1. *German*.—Whitney's Grammar. Composition. Reading of modern prose and German lyrics. Memorizing of short poems. Reading at sight.

Sophomore required course. Three hours a week during the year.

Professor WAHL.

2. *German*.—Freytag's *Doktor Luther* ; Lessing's *Minna von Barnhelm* ; Goethe's *Götz von Berlichingen* ; Schiller's *Wilhelm Tell* ; Kluge's *Litteraturgeschichte*. Grammar and composition. Incidental lectures.

Junior elective course. Four hours a week during the year.

Professor GOODRICH.

3. *German*.—Goethe : *Faust*, *Dichtung und Wahrheit*, and *Iphigenie* ; Schiller : *Maria Stuart* ; Lessing : *Emilia Galotti* ; *Litteraturgeschichte* von Kluge with collateral reading. Practice in writing German. Lectures in German.

Senior elective course. Three hours a week during the year.

Professor WAHL.

SPANISH

Assistant Professor MORTON.

Manning's *Spanish Grammar* ; Castelar's *La Hermana de la Caridad* ; Cervantes' *Don Quixote*. Lectures on Spanish literature.

Senior elective course. Four hours a week during the year.

ITALIAN

Assistant Professor MORTON.

Gradgent's *Italian Grammar* ; De Amicis, *Il Cuore* ; Dante's *Divina Commedia* ; lectures on Dante and the period of Italian literature which preceded him.

Senior and Junior elective course. Three hours a week during the year.

DEPARTMENT OF BIBLICAL STUDY

Mr. BURR and Dr. FITE.

1. *Christian Evidences*.—Fisher's *Manual*.

Freshman required course. One hour a week during the first term.

Mr. BURR.

2. *Introduction to the New Testament*.—One of the Gospels is selected as the basis of the study, the Greek text used being Dr. Riddle's revision of Robinson's *Harmony of the Gospels in Greek*, and the *Cambridge Greek Testament*. The critical work includes an examination of the text, with its variation in manuscripts, versions, and patristic quotations. Each sec-

tion of the Gospel is studied in its relation to other accounts, and with reference to its chronological order. The more practical investigation of the subject is conducted on the line indicated in Dr. Harper's Inductive Bible Studies.

Senior elective course. Four hours a week during the second and third terms. Mr. BURR.

3. *Hebrew*.—Harper's Hebrew Method and Manual. Harper's Elements of Hebrew. Translation of the book of Genesis. Sight reading of passages in the first book of Kings.

Senior elective course. Three hours a week during the year.

Dr. FITE.

DEPARTMENT OF PHILOSOPHY

President CARTER, Professor RUSSELL, and Dr. FITE.

1. *Natural Theology*.—Flint's Theism. Senior required course. Three hours a week during the first term. President CARTER.

2. *Logic*.—The aim of this course is practical rather than theoretical; and the instruction is given mainly in connection with such exercises as are adapted to afford the student a comprehension of logical principles and to enable him to apply them to the various forms of reasoning and investigation.

Junior required course. Three hours a week in the first term.

Professor RUSSELL.

3. *Psychology*.—This study is designed to be a preparation for advanced courses in Psychology and Philosophy. Mind is studied in its connection with the nervous system and its functions, and nothing more is attempted than to gain a general view of mental phenomena and mental development.

Junior required course. Three hours a week in the first and second terms. Professor RUSSELL.

4. *Elementary Course in Ethics*.—Junior required course. Three hours a week in the third term. Professor RUSSELL.

5. *Introduction to Philosophy*.—Three sub-courses are included under this general subject. The first of these courses will be devoted to the chief questions relating to the *nature*, *sources*, and the *limits* of human knowledge.

The second course will have for its subject Ethics. Special prominence will be given to the theory of Evolution and its possible bearings upon moral distinctions. The study will also include a critical examination of Ethical theories.

In the third sub-course the subject will be the sources and grounds of religious faith, and a prominent aim of the course will be to determine the true relation of philosophy to Christian faith.

Senior required course. Three hours a week during the first term, and two hours a week during the second term. Professor RUSSELL.

6. *Advanced Course in Theoretical Psychology*.—For the present year the subjects studied in this course will be: The Psychology of Self-Consciousness, the Perception of Space, the Perception of Things, Illusions and Hallucinations, Hypnotism, Telepathy and allied Phenomena.

Senior elective course. Three hours a week during the first term. Professor RUSSELL.

7.—*Course in Experimental Psychology*—Elective for Seniors. Three hours a week during the second and third terms. Dr. FITE.

8.—*General History of Philosophy*.—The aim of this course will be to enable the student to comprehend the historic development of Philosophy and its connection with civilization. The various systems of Philosophy will be studied in their origin and mutual relation, and, so far as practicable, in the writings of their chief representatives.

Senior elective course. Four hours a week during the second and third terms. Professor RUSSELL.

9.—*History of Modern Philosophy*.—Senior elective course. Four hours a week during the second and third terms. Dr. FITE.

DEPARTMENT OF HISTORY. POLITICAL AND SOCIAL SCIENCE

Dr. BASCOM, Professors RICE and GOODRICH.

HISTORY

Professors RICE and GOODRICH.

1. *General History*.—This course is intended to serve as an introduction to the study of History. The outlines of European History and Geography are given by lectures; certain periods of English History are studied in a text-book, of which written summaries are made.

Sophomore required course. Three hours a week during the second and third terms. Professor RICE.

2. *American History*.—This is a continuation of course I ; the history of America is followed to the middle of the eighteenth century. Lectures are given on the directions and systems of colonization which followed the age of discovery, and on the political relations of Europe and America during the period studied.

Junior required course. Three hours a week during the first term.

Professor RICE.

3. *English History (Constitutional)*.—A study of the development of English institutions from the earliest times to the present day.

Senior and Junior elective course. Three exercises (six hours) a week during the first term.

Professor RICE.

4. *American History (Political and Constitutional)*.—A study of certain periods in the history of the United States.

Senior and Junior elective course. Three exercises (six hours) a week, the second and third terms.

Professor RICE.

5. *European History*.—This course will be devoted to the study of the period of the Renaissance and the German Reformation.

Elective course for Seniors. Four hours a week during the first term.

Professor GOODRICH.

6. *European History*. This course will cover the period from 1815 to 1870.

Senior elective course. Four hours a week during the second and third terms.

Professor GOODRICH.

POLITICAL AND SOCIAL SCIENCE

Dr. BASCOM.

1. *Political Science*.—The following sub-courses, which are included in this course will be given the first five consecutively and the remainder alternately :

(a) The Principles of Jurisprudence. Lectures.

(b) The Constitution of the United States. Andrews's Manual.

(c) The Historical Development of the Constitution to the present time. Lectures.

(d) The English Constitution. Lectures.

(e) English Constitutional History. Lectures.

(f) Municipal Law, Civil Law, Canon Law, Common Law. Lectures.

(g) International Law. Lectures.

Senior elective course. Three hours a week during the year.

2. *Political Economy*.—Political Economy is first studied as an abstract science, treating of certain specified relations. It is then taken in connection with Sociology, as modified by the circumstances under which its principles are applied. Text-book and Lectures.

Junior required course. Three hours a week during the second and third terms.

3. *Sociology*.—The aim of this course is to give Economics, Ethics, and Civics their true and immediate bearing on our social life. Lectures.

Senior required course. Two hours a week during the second term and three hours a week during the third term.

DEPARTMENT OF MATHEMATICS AND SCIENCE

MATHEMATICS AND ASTRONOMY

Professors DODD and SAFFORD and Mr. GORDON.

1. *Algebra*.—Logarithms. Theory of Equations.

Freshman required course. Four hours a week during the first term.

Professor DODD.

2. *Geometry*.—solid and spherical. *Conic Sections*.—Loomis.

Freshman required course. Five hours a week during the second term.

Professor DODD.

3a. *Trigonometry and its Applications*.—Mensuration. Surveying and Navigation.

Freshman required course. Four hours a week during the third term.

Professor DODD.

3b. *Field Work in Surveying*.—In connection with course 3, each student will receive instruction in the practical use of surveying instruments, including determination of heights, simple triangulation, and the measurement of areas and levelling.

Mr. MILHAM.

4. *Plane Analytic Geometry*.—The course includes the study of the subject as given in Wentworth's *Analytic Geometry*, omitting the supplementary propositions.

Sophomore required course. Three hours a week during the first term.

Mr. GORDON.

5. *Elementary Differential and Integral Calculus*.—The Method of Limits will be employed, and Osborne's text-book with references to other works and occasional lectures.

Sophomore elective course. Three hours a week during the second and third terms.

Professor SAFFORD.

6. *Elementary Astronomy*.—Spherical Trigonometry; the art of computation. Lectures upon the history of astronomy, and upon its modern de-

velopments. Practical exercises with portable instruments, and with fixed instruments in the observatory.

Junior elective course. Three hours a week during the year.

Professor SAFFORD.

7. *Mathematics*.—Introduction to Modern Geometry. Lectures and exercises. Spherical Trigonometry, Advanced Calculus; Osborne's Calculus, with references to other works.

Junior elective course. Three times a week during the year.

Professor SAFFORD.

8. *Integral Calculus*.—Osborne, with geometrical, numerical, and other applications. Analytical Geometry of Three Dimensions.

Senior elective course. Four hours a week during the first term.

Professor SAFFORD.

9. *Exercises in Practical Astronomy*.—The instruments employed, besides time-pieces, are the sextant, transit instrument, universal instrument, and equatorial. The object of the course is to give additional practical knowledge of the subject, and facility in handling instruments and formulæ, and computation of comets' orbits, if the pupils are sufficiently advanced.

Senior elective course. Three hours a week during the year.

Professor SAFFORD.

10. *Mathematics*.—At the option of the student, this course will consist, either of a review of elementary subjects in preparation for teaching, or of the reading of Gauss's *Theoria Motus Corporum Cœlestium*. In the former case, lectures on the development of the science will be given, together with instruction in the theory of teaching it. Collateral reading will be required, to familiarize students with the literature of elementary mathematics not included in the ordinary text-books. Especial stress will be laid on the Modern Geometry.

Senior elective course. Four hours a week during the second and third terms.

Professor SAFFORD.

11. *Astronomy*.—A course of instruction in Practical Astronomy is offered to graduates or persons qualified to pursue it. It will include the following subjects: Theory and Use of Instruments; the Art of Computation; the Method of Least Squares; Reduction, Criticism and Discussion of Observations; Computations of the Orbits of Comets and Planets, and, for those sufficiently advanced, Special and General Perturbations. Students who wish to pursue Geodesy instead of Astronomy proper can substitute triangulation and the Figure of the Earth for certain portions of Astronomy. Mathematical subjects not included in the college course will be taken up so far as is necessary. Every encouragement will be given to qualified persons to carry on independent research in these branches. Direction will

also be given to the work of students who wish to prepare themselves to become teachers of Mathematics on the lines indicated by Professor Safford in his monograph "Mathematical Teaching and its Modern Methods."

Professor SAFFORD.

CHEMISTRY

Professor MEARS and Mr. INGALLS.

The work in Chemistry is divided into the following courses :

1. *General Chemistry*.—This course aims to teach the principles of the science in connection with the study of the non-metallic elements. It is also preliminary to the elective courses. Instruction is given by lectures and recitations, supplemented by work in the laboratory, to which one third of the time is devoted. A fee of three dollars is required of each student to defray the cost of chemicals.

Sophomore required course. Four times a week during the third term.

2. *Chemistry*.—While instruction in the metallic elements and their compounds is given by lectures and examinations, this course is chiefly devoted to practical work in the laboratory. Two hundred analyses of the more important metallic and mineral substances are required of each student with examinations on the processes involved. The third term is occupied with lectures and examinations on the compounds of carbon. A fee of fifteen dollars is charged.

Junior elective course. Three exercises (nine hours) a week during the year.

3. *Chemistry*.—In this course the work is devoted principally to quantitative analysis, preparation of chemical substances and a study of chemical theories. The analytical work embraces the estimation and separation of the more important metals and acids, and the analysis of water, milk, etc., and, for those desiring it, work in medical chemistry. The lectures on theoretical chemistry discuss the history of the atomic and molecular weights, and modern theories of the science. A fee of twenty-five dollars is charged.

Elective course for students who have taken courses 1 and 2. Three exercises (nine hours) a week during the year. Mr. INGALLS.

The above courses are also open to graduates, and advantages are offered for advanced work in all branches of the science.

PHYSICS

Professor LEFAVOUR, Mr. GORDON, and Mr. MILHAM.

The courses of study in Physics are as follows :

1. *General Physics*.—The instruction includes lectures with experimental demonstrations, oral and written recitations, and practical exercises in the laboratory. A printed abstract of the lectures is used as a text-book. The

first term is devoted to kinematics, dynamics, and sound, the second to heat and light, and the third to electricity. The purpose of the course is to state and explain the general principles of the science, and to find their application in the experiences and phenomena of daily life. A knowledge of elementary mathematics including plane trigonometry is essential.

Sophomore required course. Three hours a week during the year.

Professor LEFAVOUR.

2. *Practical Physics*.—The course consists of a series of physical measurements in the laboratory, together with lectures on the methods and principles involved. The first term is devoted to the study of general physical processes such as measurements of length, area, volume, and mass, and determinations of the constants of elasticity, capillarity, tenacity, and gravity. The remainder of the year is devoted to measurements in sound, heat, light, and electricity. For those who desire it a course in chemical physics is arranged, to take the place of the work in electricity. The manuals of Nichols, Stewart and Gee, and Glazebrook and Shaw are used. In addition to giving the student a familiarity with the principles and methods of physical measurements, particular attention is paid to the training of the senses in accuracy in observation and manipulation. A fee of twelve dollars is required.

Elective course for Juniors and Seniors, and special students who have taken course 1. Three times (six hours) a week during the year.

Professor LEFAVOUR and Mr. GORDON.

3. *Advanced Physics*.—A course in advanced physics is offered to those who have satisfactorily completed course 2. The work in this course will consist either in the investigation of certain physical problems or in carrying on advanced studies in practical electricity including the elements of electrical engineering. A fee of fifteen dollars is charged for this course.

Senior elective course. Three hours a week during the year.

Professor LEFAVOUR.

4. *Mathematical Physics*.—This course is open only to those who have studied the differential and integral calculus. It will consist in a study of analytical mechanics and the application of mathematics to the solution of physical problems.

Senior elective course. Three hours a week during the year.

Professor LEFAVOUR, Mr. GORDON, and Mr. MILHAM.

— . . . —

Drawing.—During the current year instruction will be given in mechanical and freehand drawing and in descriptive geometry to aid those who are to

enter a technical school after graduating from college. By properly choosing their college electives, graduates will thus be able to enter the third year of any technical school. The work in this course cannot be counted as a part of the required or elective work of the college, and the expenses attending the instruction are to be met by those choosing the course.

BIOLOGY

Assistant Professor PECK and Mr. HARRINGTON.

1. *General Biology*.—An introductory study designed to illustrate the relations of living and non-living matter, and also the relations of animals and plants so far as they can be ascertained by the study of the simpler forms. The more special topics of study in this course are the structure and life-history of a fern and flowering plant; also of typical vertebrates and invertebrates, and some of the principles of bacteriology.

Sophomore required course. Four hours a week during the second term.

Assistant Professor PECK.

2. *Comparative Anatomy of Vertebrates and Histology*.—A laboratory study accompanied by lectures. In the laboratory are studied those type-forms from groups represented by the Skate, Cod, Frog and Tadpole, the Alligator, Pigeon, and Rabbit. The lectures accompanying this work are designed to explain the principles of the zoölogy, classification, and distribution of the groups studied in the laboratory, thereby making the course a systematic study in Vertebrate Morphology. Especial attention is also given to the osteology, and to the development of the forms studied, and to those inferences which may be drawn from such a study of these and other kindred groups.

In the studies in Histology the structure of the various tissues of the vertebrates, especially the mammal, is demonstrated, partly by means of prepared material furnished the student, and partly by illustrated lectures.

Junior elective course. Six hours a week during the year.

Assistant Professor PECK and Mr. HARRINGTON.

3. *Animal Morphology*.—A laboratory study of the embryology of the Chick is made the basis for a discussion of some of the general features of present embryological study in the Vertebrates and other groups.

There is also pursued a laboratory study in the anatomy of invertebrates covering such type-forms as the following: Protozoa, Porifera, Coelenterata, Echinodermata, Mollusca, Annelida, and Crustacea.

The lectures which accompany this study will deal with the more important features in the zoölogy of the groups represented and the more evident problems of biological study suggested by each.

To promote a better acquaintance with the history and present tendencies of Biological Science, a reading club, having its sessions once a week, has been organized, at which selections from standard works will be read and discussed.

Senior elective course. Six hours a week during the year.

Assistant Professor PECK and Mr. HARRINGTON.

HYGIENE, ANATOMY, AND PHYSIOLOGY

Professor WOODBRIDGE.

1. *Hygiene*.—A series of lectures on subjects pertaining to health and habits of study. Each member of the class is subjected to an examination of heart, lungs, and eyes for the purpose of giving him any personal suggestions that may seem advisable.

Freshman required course. One hour a week during the first term.

2. *Anatomy and Physiology*.—Anatomy is studied only so far as it may be necessary to an intelligent discussion of Physiology. An effort is made to exhibit not only the results but also the methods of physiological research. Lectures supplemented by a printed syllabus. Kirke's Physiology, Landois and Sterling's Manual of Human Physiology, Foster's Physiology, and Ladd's Physiological Psychology are suggested as text-books.

(a) *Nervous System*.—In this course special attention is given to the nervous system with reference to its relations to psychological processes and problems.

Junior required course. Three hours a week during the first half of the second term.

(b) *General Anatomy and Physiology*.—Senior elective course. Four hours a week during the first term.

During the summer term, at the request of successive Senior classes, a short course of lectures has been given on practical questions relating to the hygiene of the home.

GEOLOGY

Mr. DALE.

This course consists of lectures and recitations on Geology and Mineralogy, several geological excursions, and the preparation of papers on assigned

subjects. Archibald Geikie's Class-Book of Geology (edition of 1892) will be used as an introduction.

In this course the various departments of Geology will be subordinated to geological history.

The mode of instruction is designed to combine the advantages of both the recitation and the lecture system, and to supplement these with a free use of specimens and with field work, for which the region offers rare facilities.

Senior elective course. Four hours a week during the second and third terms.

EXHIBIT OF STUDIES

The unenclosed figures refer to the Courses of Instruction as arranged according to Departments in the preceding pages, and the figures in parentheses indicate the number of exercises a week for each course.

FRESHMAN YEAR

REQUIRED COURSES

<i>First Term.</i>	<i>Second Term.</i>	<i>Third Term.</i>
Biblical Study 1, (1)	English 1, (1)	English 1, (1)
English 6,	English 6,	English 5,
French 1, (3)	French 1, (3)	French 1, (3)
Greek 1, (4)	Greek 2, (3)	Greek 3a, (3)
Latin 1, (3)	Latin 2a, (3)	Greek 3b, (1)
Mathematics 1, (4)	Latin 2b, (1)	Latin 3, (4)
Physical Training, (4)	Mathematics 2, (5)	Mathematics 3a, (4)
Physiology 1, (1)	Physical Training, (2)	Mathematics 3b.

Freshmen who have entered with advanced German in place of Greek will take German 3 and a certain amount of extra private reading under the direction of the instructor of that course in place of Greek 1, 2, 3a and 3b; those who have entered in advanced French, will take German 1 and French 3 with extra private reading in French in place of Greek 1, 2, 3a and 3b and French 1; those who have entered with advanced Mathematics and German will substitute German 2 and Mathematics 4 and 5, with extra work in Mathematics, for Greek 1, 2, 3a and 3b and Mathematics 1, 2, 3a and 3b; those who have entered with advanced Mathematics and French will substitute German 1, French 3, and Mathematics 4 and 5 for French 1, Greek 1, 2, 3a and 3b, and Mathematics 1, 2, 3a and 3b.

SOPHOMORE YEAR

REQUIRED COURSES

<i>First Term.</i>	<i>Second Term.</i>	<i>Third Term.</i>
English 5,	Biology 1, (4)	Chemistry 1, (4)
English 6,	English 5,	English 5,
German 1, (3)	English 6,	German 1, (3)
Greek 4, (4)	German 1, (3)	History 1, (3)
Latin 4, (3)	History 1, (3)	Physics, 1 (3)
Mathematics 4, (3)	Physics 1, (3)	
Physics 1, (3)		

ELECTIVE COURSES

Each Sophomore is required to take one elective course.

Second and Third Terms

Greek 5, (3) Latin 5, (3) Mathematics 5, (3)

Sophomores in the course without Greek will substitute for Greek 4 either Latin 5 or a special course in Latin to be assigned by the professor in charge of the department ; they will take in place of German I an advanced course in either German or French.

JUNIOR AND SENIOR YEARS

JUNIOR REQUIRED COURSES

<i>First Term.</i>	<i>Second Term.</i>	<i>Third Term.</i>
English 5,	English 5,	English 5,
History 2, (3)	Philosophy 3, } (3)	Philosophy 4, (3)
Philosophy 2 and 3, (3)	Physiology 2a, }	Political Science 2, (3)
	Political Science 2, (3)	

SENIOR REQUIRED COURSES

<i>First Term.</i>	<i>Second Term.</i>	<i>Third Term.</i>
English 5,	English 4, (2)	English 4, (3)
Philosophy 1, (3)	English 5,	Political Science 3, (3)
Philosophy 5, (3)	Philosophy 5, (2)	
	Political Science 3, (2)	

ELECTIVE COURSES

Each Senior is required to choose one four-hour course in group (a) for the first half-year, one four-hour course in group (b) for the second half-year, and two year-courses, one or both of which may be in either group (c) or group (d), provided that the hours do not conflict. Each Junior is required to choose three year-courses in group (d), the hours of which do not conflict. One of these must be either French or German.

(a)

SENIOR FOUR-HOUR COURSES. FIRST HALF-YEAR

History 5, Physiology 2b,
Mathematics 8, Spanish.

(b)

SENIOR FOUR-HOUR COURSES. SECOND HALF-YEAR

Biblical Study 2,
Geology,
History 6,

Mathematics 10,
Philosophy 7,
Philosophy 8,

Philosophy 9,
Spanish.

(c)

YEAR-COURSES FOR SENIORS

Biblical Study 3,
Biology 3,
Chemistry 3,
English 3,

French 3,
German 3,
Mathematics 9,

Philosophy 6 and 7,
Physics 3,
Physics 4,
Political Science 1.

(d)

YEAR-COURSES FOR SENIORS AND JUNIORS

Biology 2,
Chemistry 2,
English 2,
French 2,

German 2,
Greek 6a, 6b, 6c,
History 3, 4,
Italian,

Latin 6a, 6b,
Mathematics 6,
Mathematics 7,
Physics 2.

EXAMINATIONS

At the close of the first term the students are examined upon the work of that term, and at the end of the year upon the work of the second and third terms. These examinations cannot be taken previous to the times appointed by the Faculty. Students who by reason of illness are excused from these examinations and students who fail to pass them are examined at such times as the Faculty may appoint. The final examination of the Senior class occurs during the week following the first Monday in June.

ALUMNI VISITORS

A Committee is chosen by the Associated Alumni to visit the college at stated times, and to make an annual report. This Committee consists at present of the following gentlemen :

(Until Commencement, 1895)

PROF. GEORGE BENTON NEWCOMB, PH.D., of New York City, class of '56.

PRIN. JAMES CARRUTHERS GREENOUGH, M.A., of Westfield, class of '60.

(Until Commencement, 1896)

REV. SAMUEL WARREN DIKE, LL.D., of Auburndale, class of '63.

PRIN. DANIEL CEPHAS FARR, PH.D., of Glens Falls, N. Y., class of '72.

(Until Commencement, 1897)

PRIN. LEMUEL CARRINGTON MYGATT, M.A., of New York City, class of '70.

REV. ALFRED TYLER PERRY, M.A., of Hartford, Conn., class of '80.

DEGREES

Bachelor of Arts.—The degree of Bachelor of Arts is conferred by vote of the Trustees at the Annual Commencement upon students who have completed a full four years' course to the satisfaction of the Faculty, have paid their dues to the Treasurer, and have returned all books belonging to the Library ; but the degree may be forfeited by misconduct at any time previous to the close of the Commencement exercises.

Master of Arts.—The degree of Master of Arts will be conferred upon graduates of this college, or of any college where the requirements for the Bachelor's degree are equivalent, who have spent one year in residence at this college pursuing approved courses of study in at least two departments of instruction or in two branches of one department, the total amount being equal to the work of one college year, and who have passed satisfactory examinations on both subjects and prepared a satisfactory thesis related to some course of study pursued.

The degree will be conferred upon graduates of this college not earlier than two years after their graduation who have spent one year in residence at any educational or scientific institution engaged in non-professional study, and who, having been registered at this college as candidates for the degree not less than a year, have fulfilled the conditions regarding courses of study, examination and thesis specified in the preceding paragraph.

The degree will be conferred upon graduates of this college not earlier than three years after their graduation who, not having been in residence but having been registered at this college as candidates for the degree not less than two years, have fulfilled the conditions with regard to courses of study, examination and thesis specified in the first paragraph.

Each candidate must give notice of registration and submit his courses of study to the Secretary of the Faculty not later than the fifteenth of October of the year for which he desires registration. The courses of study must receive the approval

of the Committee on Graduate Students and of the professors in charge of the departments in which the subjects are included. The thesis must be submitted not later than the fifteenth of May of the year in which the candidate is to be examined and must likewise receive the approval of the Committee on Graduate Students as well as of the professor to whose department of instruction the subject matter is related.

The fee for resident students will be \$105, and will include charges for instruction, examination and diploma. An additional charge may be made for the use of laboratory apparatus. The fee for the examination and diploma of non-resident students will be \$25.

LIBRARY

The Library contains thirty-six thousand five hundred volumes, exclusive of duplicates, five thousand classified pamphlets in process of classification. The collection of reviews and periodicals, both current and bound, is especially valuable. The work of classification is completed, and the card catalogue has been extended to the whole Library.

The sum of about four thousand dollars is expended annually for the Library. The Lawrence, Jonathan Phillips, Adriance, Jones, and other permanent library funds represent a capital of forty-three thousand dollars, the income from which is increased by gifts and special appropriations of the Trustees.

Students have direct access to all books. They may read or study in the Library during Library hours,—the new wings afford abundant facilities for this purpose,—and they may draw three volumes at a time, to be retained, if desired, for two weeks with the privilege of one renewal. The Library also provides conveniences for seminary or laboratory work.

The Library is open every week day during the entire year. In term time the hours are from 10 A.M. to 1 P.M., and from 2 P.M. to 6 P.M., and during vacation from 10 A.M. to 12 M. The east wing, containing current periodicals, general reference books, and those bearing especially upon the term work, is

open each week-day evening from 7:30 to 9:30. Sunday afternoon from 2 to 5:30 the entire Library is open for consultation.

The Libraries of the Philotechnian and Philologian Societies, containing nine thousand volumes, are open to their members Wednesdays and Saturdays. A reading-room is also supported and controlled by an association of students.

LABORATORIES

The Departments of Biology, Chemistry and Physics are located in the three buildings presented to the College by F. F. Thompson, Esq. of New York City. The Biological Laboratory contains a laboratory for each course of work, a lecture room, library, collection room, aquarium room, etc. The laboratory is well equipped with microscopes, microtomes, collections, and all the appliances for general and advanced work.

The Chemical Laboratory contains three large laboratories, lecture and recitation rooms, private laboratories and a reference library, all supplied with the best modern appliances.

The Physical Laboratory contains, in addition to a well appointed lecture room, a recitation room, separate laboratories for the work of the different classes, a department library, and rooms especially arranged for advanced work in electricity, magnetism, light, and chemical physics. Power is furnished by a Westinghouse engine of fifteen-horse power, and the electrical equipment includes a five-kilowatt dynamo, types of small dynamos and motors, Weston measuring instruments, galvanometers, etc

OBSERVATORIES

The astronomical department of the college possesses two observatories for illustration and scientific investigation. The older was built by Professor Albert Hopkins in 1838, and contains an equatorial by Phelps of Troy, with an object glass by Alvan Clark, Senior, which has an aperture of $7\frac{1}{2}$ inches. This instrument was constructed about 1852 and is interesting as an early example of Clark's optical work. It is employed for gazing purposes and the observation of occasional phenomena.

The other rooms of the Hopkins Observatory contain a transit instrument by Troughton and Simms, with an aperture of $3\frac{3}{4}$ inches ; this is now but little used, as it is replaced by a more modern apparatus.

In another part of the town a piece of ground, comprising five acres and a half, was purchased in 1881, for astronomical purposes. At present this enclosure contains the Field Observatory, an iron meridian house, built at the expense of the Hon. David Dudley Field, together with a hut for the accommodation of portable instruments. The main instrument of this Observatory is a fine meridian circle by the Repsolds of Hamburg, with a telescope of $4\frac{8}{16}$ inches aperture and a circle divided to 2' of arc, reading by four microscopes to single seconds directly. The meridian circle is provided with the necessary clock, chronograph, and collimators. In addition, the department of astronomy is provided with a large number of portable instruments, among which are two telescopes for gazing purposes and a portable transit with zenith telescope attachment, as well as two theodolites, one of them, a Wanschaff universal with seven inch limb and microscope reading to 5' directly. There are also several instruments of reflection, including a sextant of the best kind, a prismatic circle and several sailors' octants, with chronometers and artificial horizons and other small pieces of apparatus.

CLASSICAL SOCIETY

The Classical Society, formed of instructors and students in the elective Latin and Greek courses, has for its object the encouragement of original research. It holds its regular meetings in the Library, on the second Tuesday evening of each month, for the reading and discussion of original papers and for reports in the fields of Greek and Latin Philology and Archæology.

LYCEUM OF NATURAL HISTORY

An important adjunct to biological study is the Lyceum of Natural History, a student organization, established in 1835.

This organization not only acquaints the students with the

more important problems and discoveries in recent biological work but it also affords opportunities for special research and discovery, since, through the liberality of the late Dr. William J. Walker, provision is made for a scientific expedition once in every four years.

For the use of this organization, the late Nathan Jackson erected the hall which bears his name, and which contains many natural and artificial objects sent to the college by its missionary graduates, together with the collections gathered by the Scientific Expeditions.

ART COLLECTION

A valuable collection of paintings, bas-reliefs, Etruscan vases and Peruvian pottery, the gift of Mrs. John W. Field, of Philadelphia, is on exhibition in the new Library extension.

Through the liberality of Mrs. S. D. Warren, of Boston, and others, the college has a good collection of illustrative material for the main branches of art study. This is constantly increased by the contributions of the Williams Art Association, an organization of the students, under the direction of Professor Rice, which provides weekly exhibitions and lectures. Two recent graduates have generously fitted up one of the large lecture-rooms in the Hopkins Memorial Building for displaying and storing such material. This gift makes possible the exhibition of loan collections of paintings and engravings which have proved an attractive and valuable feature in the work of the Art Association.

MUSEUM

The collections as recently combined and rearranged in Clark Hall include the following collections :

Mineralogical, Petrographical, Paleontological, Geological, (structural), Geological (local), Conchological (synoptic), Botanical.

Distributed among these is the Wilder Cabinet, which, together with the Museum building, was given by the late Edward Clark, also the geological collection of Prof. Ebenezer

Emmons, and the herbaria presented to the college by several persons.

These collections include everything needed for college work in Geology, Mineralogy, and Botany.

GYMNASIUM

The Lasell gymnasium, erected and equipped at a cost of \$50,000, chiefly by the munificence of the widow of the late Hon. Josiah Lasell of the class of 1844, and of his son, Josiah Manning Lasell, of the class of 1886, furnishes abundant facilities for physical development. The apparatus is the outcome of the study and invention of the best teachers of gymnastics, and is used under the immediate supervision of an instructor. An inclined running track 229 feet in length, bowling alleys, tub, shower, and sponge baths, and a base-ball court are important features of the building. There are several class drills daily in the main hall at hours suiting the convenience of the students. A careful examination and measurement of each student is made by the director, not only soon after entering college, but also at occasional intervals later in the course, in order that the exercise may be adapted to individual peculiarities and a symmetrical development secured. Gymnastic exercise is required of the Freshman class during the first and second terms.

The smaller athletic fields near the college buildings afford practice in tennis, lacrosse, and similar sports, while the large "Weston Field," the gift of Hon. Byron Weston, of Dalton, affords ample opportunity for base-ball, foot-ball, and other outdoor exercises. A cinder track has been laid on the same field for the various exercises of the Athletic Association.

COLLEGE INFIRMARY

Through the kindness of friends of the college a house has been provided where students who are sick can receive proper attention. Friends of the students who wish to assist in their care can be accommodated at the Infirmary, and in severe cases trained nurses may be secured. There is no extra

charge for care of the sick, but each student pays for the board of himself and friends.

THOMPSON LECTURE COURSE

This Lecture Course, which was established by the liberality of F. F. Thompson, Esq., of New York City, included during the past year: Lectures by W. Lewis Frazer, of New York, on "Pencil and Graver in American Books for Two Hundred Years"; by Prof. Louis C. Elson, of Boston, on "Seven Centuries of English Song"; by Prof. C. T. Winchester, of Middletown, Conn., on "Memories of the English Lakes"; by W. H. McElroy, of New York City, on "Famous Men at Famous Dinners"; by Hamilton W. Mabie, of New York City, on "Literature as a Resource"; by Professor C. Sprague Smith, of New York City, on the "History of Spanish Art"; and concerts by the "Lotus Glee Club" and the "Kneisel String Quartet," of Boston, and the "Beethoven String Quartet," of New York City.

ORDER AND DISCIPLINE

It is the aim of the college to develop in the individual student the sense of personal responsibility for good order and a high standard of scholarship, and to secure in the largest measure his co-operation with the Faculty in the development of his own character.

ATTENDANCE ON COLLEGE EXERCISES

Attendance is required upon nine tenths of all college exercises, and if a student fail for any cause to meet this requirement of attendance upon secular exercises, work additional to that done by the class will be assigned in each department of study in which the failure has occurred. This assignment of extra work will be in the hands of a committee of the Faculty who, in consultation with the instructor, will adjust the amount to be done. This assignment will be made at the end of the term.

The regulation of chapel absences will be in the hands of the Dean.

RECORDS AND REPORTS

A report of scholarship and conduct is made to every student's parent or guardian at the close of each half year, and at such other times as the Faculty may deem expedient. A permanent record is also kept of each student's scholarship, and by this record his final rank is determined.

PUBLIC WORSHIP

Prayers are held every week-day morning and Sunday evening, at which all students are required to be present.

Religious services are held on Sunday in the college chapel, and the attendance of all students is required. Members of other churches may be excused at the request of their parents or guardians to attend the services of their own denominations. The following were the preachers at the college for the year 1893-94 :

Rev. Dr. Henry Hopkins of Kansas City, Mo. ; Rev. Dr. Vail, of Stamford, Conn. ; Rev. Drs. Harris, Ryder, and Moore of the Andover Theological Seminary ; Rev. Drs. Riggs and Hoyt of the Auburn Theological Seminary ; Rev. Dr. Pattison of the Rochester Theological Seminary ; Rev. W. W. Jubb of Fall River ; Rev. Hector Hall of Troy, N. Y. ; Rev. Dr. Coyle of North Adams ; Rev. Paul Van Dyke of Northampton ; Rev. C. W. Huntington of Lowell ; Rev. S. G. Barnes of Longmeadow ; Rev. Gilbert Reid, missionary from China ; Rev. Dr. Merriman of Worcester ; Rev. C. G. Hazard of Catskill, N. Y. ; Rev. W. E. Barton of Boston ; Rev. Dr. C. C. Hall of Brooklyn, N. Y. ; Rev. Geo. L. Richardson of Bennington, Vt. ; Rev. H. H. Stebbins of Rochester, N. Y. ; Principal H. L. Cowell of Ashburnham ; Rev. H. P. Dewey of Concord, N. H. ; Rev. Dr. Munger of New Haven, Conn. ; Rev. Geo. A. Ford of Syria ; Rev. Dr. Lyman of Brooklyn, N. Y. ; Rev. Dr. Tuttle of Amherst College ; Rev. Dr. Wright of Buffalo, N. Y. ; President Carter, Professor Spring, and Dr. Bascom of the college.

PRIZES

The late Hon. Erastus C. Benedict, formerly an instructor in the college, established seven first prizes of twenty-five dollars each, which may be awarded annually for excellence in the following departments : Latin, Greek, French, German, Mathematics, Natural History, and History ; seven second prizes of fifteen dollars each, which may be awarded in the same departments.

He also founded a prize of twenty-five dollars, to be given annually to that member of the college who, at the close of each college year, shall be found to have received the largest number of prizes.* Honorable mention is here counted as a prize. In case of a tie the relative grades of the prizes will be taken into account, and honorable mention in Latin or Greek and a Rice book prize will not both be counted.

A prize, amounting to seventy dollars, established by A. V. W. Van Vechten, Esq., of New York City, may be awarded for extemporaneous speaking. The assignment of this prize will be made by the Faculty, and will depend upon excellence of diction in the ordinary recitations, in class debates, and such other exercises during the college course as test the speaker's readiness and ability.

Arthur B. Graves, Esq., founded seven prizes amounting to two hundred dollars, which may be awarded as follows : six prizes of twenty dollars each for the best six essays prepared

* For the present an additional sum of \$75.00 will be given each year by a friend of the college to increase this prize to \$100.00.

by members of the Senior Class, on subjects assigned by the Faculty ; one prize of eighty dollars to the student who shall deliver his essay in the most effective manner before a public audience.

On the evening before Commencement, ten speakers, appointed equally from the Junior and Sophomore classes, deliver original orations in competition for five prizes. The income of two thousand dollars—one thousand of which was given by Elizur Smith, Esq., of Lee, and the other by William T. Booth, Esq., of New York City—is appropriated for these prizes.

The trustees of the college offer two prizes of twenty dollars and ten dollars respectively to members of the Freshman Class for excellence in declamation.

The income of five thousand dollars, left to the college by the late James Lothrop Rice, Esq., is by his will appropriated to the encouragement of Latin and Greek scholarship. Of this income sixty dollars may be awarded at Commencement of each year to that member of the Senior class who shall have shown the fullest and most accurate knowledge of certain Latin classics ; and forty dollars to the member of the same class who shall have attained the second rank in the knowledge of the same authors ; sixty dollars may be awarded at the same time to the member of the Senior class who shall have shown the fullest and most accurate knowledge of certain Greek classics ; and forty dollars to the member of that class who shall have attained the second rank in the knowledge of the authors in question. The same student may compete for the prizes in these departments, but they will be assigned only to students who have pursued the subject as an elective during both the Junior and Senior years.

The late Hon. Francis Henshaw Dewey founded a prize of fifty dollars to be given to the member of the graduating class who shall present the most creditable oration in point of composition and delivery, at Commencement exercises.

The Cobden Club of London, offers a silver medal annually to the student who, in the judgment of the professor, makes the greatest progress in Political Economy.

SCHOLARSHIPS

HONOR SCHOLARSHIPS

Several Honor Scholarships of \$2,500.00 each, have been founded by alumni and friends of the college, the income of which is awarded by the Faculty to as many young men as there are scholarships, in order not only to afford pecuniary aid, but also to recognize successful scholarship.

The scholarships already endowed, in whole or in part, are as follows :

The " Thomson Scholarship," founded by the late Charles H. Thomson, Esq., of New York	\$2,500.00
The " Warren Scholarship," founded by the late S. D. Warren, Esq., of Boston	2,500.00
The " Gilson Scholarship," founded by the late Prof. C. F. Gilson	2,500.00
The " J. Ruthven Adriance Memorial Scholarship ".....	2,500.00
The " Scholarship of the class of 1862 ".....	1,202.00
The " Scholarship of the class of 1867 ".....	675.00

A portion of the income of the fund bequeathed to the college by the late Henry Titus Morgan, Esq., of New York City, may be employed to encourage young men of high scholarship in the prosecution of their studies, either before or after receiving the bachelor's degree.

CLASS SCHOLARSHIPS

The income of the following Scholarships is conferred on persons selected by the classes, or by their representative :

The " Scholarship of the class of 1851 "	\$2,500.00
The " Scholarship of the class of 1852 "	1,808.00

SCHOLARSHIP FUNDS

The income of all the endowments mentioned below, amounting to over \$7,000, is distributed annually, at the discretion of the Trustees, among those students who are known to need aid, for the partial or entire payment of their college bills. Assistance will be given only to candidates for the bachelor's degree.

Those who apply for this aid are expected to show that they are in need of it, and also to prove by their work and conduct as students, that they are worthy of it.

In accordance with a recent vote of the Trustees this aid will be withheld from such students as fail to maintain a respectable standing in scholarship. Any student who, by reason of failure at a regular examination, is conditioned on the studies of any term, and required to take a second examination, will forfeit this assistance for the next term. Repeated failures of this kind will exclude him from further pecuniary aid. Neglect of duty, disregard of college laws, or indulgence in expensive habits will occasion a similar exclusion.

The amount allowed to a student lodging in a private or club house will generally be less than that granted to one who occupies a room in the college buildings.

A form of application may be obtained of the registrar. Such an application, with the proper signatures, must be submitted to the authorities of the colleges. The receipt of aid for one year will not establish a claim to it for another year.

Baldwin Fund	\$28,000.00
Alumni Scholarship Fund	10,000.00
Mills Fund	8,000.00
State Fund	7,500.00
Woodbridge Little Fund	6,000.00
Starkweather Fund	1,000.00
Means Fund	1,000.00
Moses Day Fund	5,000.00
Barnes Fund	300.00

Jessup Fund	\$1,000.00
Three State Scholarships	4,500.00
Thomas Thornton Read Permanent Fund	4,965.75
Thomas Thornton Read Scholarship	2,500.00
Francis Henshaw Dewey Scholarship	3,000.00
Henshaw Scholarship	3,000.00
Louisa F. Bartlett Scholarship	2,500.00
Homer Bartlett Scholarship	2,500.00
William Hyde Scholarship	2,500.00
Mrs. William Hyde Scholarship	2,500.00
Orrin Sage Scholarship	2,500.00
Miss Sarah R. Sage Scholarship	2,500.00
Hancock Scholarship	2,500.00
Olin White Geer Memorial Scholarship	2,500.00
Henry P. Brush Scholarship	2,375.00
Chadbourne Scholarship	2,500.00
Amos Lawrence Scholarships	2,000.00
Dewey Scholarship	1,500.00
Olin Scholarship	1,000.00
George H. Rosseter Scholarship	1,000.00
Newtown Henry Rosseter Scholarship	1,000.00
Cone Scholarship	1,000.00
Stoddard Scholarship	1,000.00
Emory Washburn Scholarship	1,000.00
Sarah Woodhull Arms Scholarship	1,000.00
Cyrus Taggart Mills Scholarship	1,000.00
Merriam Scholarship	550.00
Barker Scholarship	500.00
Mason Scholarship	500.00
Bancroft Scholarship	500.00
Bela Peck Williams Scholarship	500.00
Thomas W. Williams Scholarship	500.00

COLLEGE HALL

The house known as College Hall was built and furnished by the friends of the college in order to reduce the price of board for students. It is expected that the price will not exceed \$3.25 per week.

Board can be obtained in private houses or in clubs or in the hotels at prices ranging from \$3.50 to \$6.00 per week.

EXPENSES

Students are required to pay their term bills in advance. In case of failure to do this by the end of the second week of the term, they may be excluded from all college exercises. The following is an estimate of the necessary expenses for the college year :

TREASURER'S BILLS

Tuition, \$35 per term	\$105.00	\$105.00
Library	4.50	4.50
Gymnasium	3.00	3.00
Room rent, \$2.50 to \$37.50 per term	7.50	112.50
	<hr/>	<hr/>
	\$120.00	\$225.00

Those students who, from choice or necessity, room in town, can obtain rooms at prices somewhat higher than the rates charged in college.

GENERAL EXPENSES

Board, \$3.25 to \$6 per week, for 36 weeks	\$117.00	\$216.00
Washing	15.00	20.00
Fuel and Light	8.00	18.00
	<hr/>	<hr/>
	\$140.00	\$254.00

To the above items must be added the expense of furnishing room, cost of text-books, and incidentals. The amount of incidental expenses will depend very much on the habits of the student. It is earnestly recommended that parents and guardians should not authorize their sons and wards to obtain credit in town, and should not pay debts contracted without their authority.

Any special damage done by students to college property will be charged as an extra in their term bills.

Those who enter on an advanced standing, unless they come from another college, pay the following sums as entrance fees, viz. : Sophomores, \$10 ; Juniors, \$20 ; Seniors, \$30 ; and this rule is also applicable to partial-course students.

COLLEGE ROOMS

In the dormitories of Williams College there are accommodations for two hundred and forty-nine students. Nearly all the rooms consist of a study and two bed-rooms, and are intended for two occupants.

Students having college scholarships will be required to room in either West College, East College, South College, or Kellogg Hall.

Each student renting a college room will have the legal relation of a tenant, and will be held responsible for damage done to his room.

Students who are about to enter the college, but are not yet registered members of it, can secure rooms in college buildings only by the payment of one term's rent in advance.

PRIZES AWARDED AT COMMENCEMENT, 1894

BENEDICT PRIZES

In Latin

FIRST PRIZE—Clarence Wells Dunham	. . .	Class of 1896
SECOND PRIZE—John William Bockes	. . .	" " "
HONORABLE MENTION—Karl Ephraim Weston, and William Williamson	. . . . .	" " "

In Greek

FIRST PRIZE—Clarence Wells Dunham	. . .	Class of 1896
SECOND PRIZE—Willard Dean Shannahan	. . .	" " "

In Mathematics

FIRST PRIZE—Clarence Wells Dunham	. . .	Class of 1896
SECOND PRIZE—Edward Calvin Durfee	. . .	" " "
HONORABLE MENTION—Sanford Robinson	. . .	" " "

In History

FIRST PRIZE—Olcott Osborn Partridge	. . .	Class of 1894
SECOND PRIZE—Edward Hyatt Hutton	. . .	" " "

In French

FIRST PRIZE—Arthur Guy Merrill	. . .	Class of 1894
SECOND PRIZE—George Bancroft Kilbourne	. . .	Class of 1895

In German

FIRST PRIZE—Edward Edwards, Jr.	. . .	Class of 1894
SECOND PRIZE—Olcott Osborn Partridge	. . .	" "

PRIZE FOR PRIZES

Olcott Osborn Partridge, Class of 1894

GRAVES PRIZES

For Essays—Class of 1894

Bayard Henderson Christy	Edward Hyatt Hutton
Floyd Elmer DeGroat	Olcott Osborn Partridge
Norman Herbert Dutcher	Samuel Romney Spring

For Excellence of Delivery

Norman Herbert Dutcher

RHETORICAL PRIZES

General Prize

William Groat Van Loon Class of 1896

Junior Prizes

FIRST PRIZE—Harold Phelps Moseley Class of 1895

SECOND PRIZE—James Ray Craighead " "

Sophomore Prizes

FIRST PRIZE—James Wells Reed Class of 1896

SECOND PRIZE—Edward Morgan Lewis " "

DEWEY PRIZE

For Excellence in Commencement Exercises

Norman Herbert Dutcher, Class of 1894.

VAN VECHTEN PRIZE

For Extemporaneous Speaking

Henry Grant Rowe, Class of 1894.

RICE PRIZES

In Latin

FIRST PRIZE—Not awarded.

SECOND PRIZE—Allan John Holley. Class of 1894

In Greek

FIRST PRIZE—Robert Joseph Gulliver Class of 1894

SECOND PRIZE—Arthur Herbert Coar " "

HONORABLE MENTION—Allan John Holley

Book Prizes from the Rice Fund. Class of 1896

Horace Greeley Brown

Edmonds Putney

John Winthrop Dow

Karl Ephraim Weston

Bernard Kelly

William Williamson

HONOR SCHOLARSHIPS

Thomson Scholar, Clarence Wells Dunham Class of 1896

J. Ruthven Adriance Scholar, John Herbert Peck Class of 1895

Warren Scholar, Willard Pierrepont Millspaugh Class of 1895

Gilson Scholar, Willard Dean Shannahan Class of 1896

APPOINTMENTS FOR COMMENCEMENT

CLASS OF 1894

Valedictory

Olcott Osborn Partridge

Salutatory

Willis Isbister Milham

Philosophical Orations

John Woods Brennan
Bayard Henderson Christy

Arthur Herbert Coar
Samuel Romney Spring

Orations

Edwin Nesbit Chapman
Edward Edwards, Jr.

Robert Joseph Gulliver *
Lyman Eddy Thayer

Dissertations

First Class

Harry DeWitt DeGroat
Norman Herbert Dutcher
Henry Grant Rowe
Benjamin Robinson Schenck
Gavin Hamilton Wright

Second Class

William Erastus Beckwith
Romaine Hard Crosby
Paul Myron Goodrich
Edward Hyatt Hutton
Arthur Guy Merrill

* Deceased.

DEGREES CONFERRED IN 1894

BACHELOR OF ARTS

William Erastus Beckwith
Fred Andrew Benton
John Woods Brennan
Robert Andrew Bruce
Edwin Nesbit Chapman
Bayard Henderson Christy
Arthur Herbert Coar
Romaine Hard Crosby
Floyd Elmer DeGroat
Harry DeWitt DeGroat
James Harvey Donnelly
Norman Herbert Dutcher
Edward Edwards, Jr.
Richard Sweet Folsom
Edwin Carlton Gillette
Paul Myron Goodrich
Reynolds Freeman Guerin
Robert Joseph Gulliver *
Theodore Dudley Hammatt
Miles Tracy Hand
Peter Oliver Hanford
William Cook Hart
Frederic Thatcher Harward
Alfred Birch Herrick
Allan John Holley
John Perit Huntington
Edward Hyatt Hutton
Arthur Augustus Jordan

Lewis Earle Lee
John Joseph Lynch
Thomas James Lynch
William Hinman Maclay
Herbert John McMurtrie
Sidney Graves Mather
Arthur Guy Merrill
Willis Isbister Milham
Louis Gregg Neville
Olcott Osborn Partridge
Charles Pinkerton
Llewellyn Edward Pratt
Albert Hawley Prentiss
William Maguire Reed
Henry Grant Rowe
Henry Axtell Rumsey
William Luther Sawtelle
Benjamin Robinson Schenck
Edward Thomas Scully
John Rumney Searles
Carleton Gifford Smith
Harry Osgood Spalding
Samuel Romney Spring
William Metcalfe Stone
Lyman Eddy Thayer
Herbert Llewellyn Towne
Voluntine Covil Turner
Eugene Richard White

Gavin Hamilton Wright

Christopher Walter Collier

* Deceased.

MASTER OF ARTS

Frederick Carlos Ferry
David Scudder Herrick

DOCTOR OF PHILOSOPHY

Edward Jonathan Wheeler

HONORARY DEGREES

DOCTOR OF DIVINITY

Reverend George Alfred Ford
Reverend Charles Chapin Tracy

DOCTOR OF LAWS

Reverend Henry Matthias Booth

MASTER OF ARTS

Hermon Camp Gardiner

Joseph Carlton Norris

DEGREES CONFERRED AT THE CENTENNIAL OF THE COLLEGE 1894

DOCTOR OF DIVINITY

Reverend Charles Augustus Briggs
Reverend John Patterson Coyle
Reverend Chester David Hartranft
Reverend Arthur Lawrence
Reverend Thomas Harwood Pattison

DOCTOR OF LAWS

William Keith Brooks
James Hulme Canfield
Henry Augustine Childs
William Everett
Merrill Edwards Gates
Josiah Willard Gibbs

Edward Swift Isham
Frederick John Kingsbury
Henry Cabot Lodge
Edward Patterson
George Williamson Smith
William Jewett Tucker

Justin Winsor

STUDENTS

CANDIDATES FOR DEGREE OF MASTER OF ARTS

Hanford Wisner Edson, B.A., 1890, Williamstown

History, Philosophy, and English Literature

Willis Ishbister Milham, B.A., 1894, Kinderhook, N. Y.

Physics and Astronomy

Walter Anson Weed, B.A., 1892, New York City

Greek

SENIOR CLASS

Frederick Carhart Adams	<i>Natick</i>	23 E. C.
George Marshall Alden	<i>Troy, N. Y.</i>	K. A. Lodge
Lewis Raynor Aldrich	<i>Princeville, Ill.</i>	5 K. H.
Jerome Ripley Allen	<i>Greenfield</i>	A. Δ. Φ. House
Winfred Howard Babbitt	<i>West Brattleboro, Vt.</i>	13 K. H.
Henry Joseph Baron	<i>Williamstown</i>	Mr. Baron's
Benjamin Thomas Bartlett	<i>Nottingham, N. H.</i>	7 K. H.
Felton Bent	<i>Philadelphia, Pa.</i>	A. Δ. Φ. House
Martin Whitten Berry	<i>Portland, Me.</i>	9 K. H.
Walter Andrew Bratton	<i>Stamford, Vt.</i>	Chapel
James Jay Brown	<i>Omaha, Neb.</i>	A. Δ. Φ. House
Charles Milton Burdick	<i>Lowville, N. Y.</i>	9 E. C.
John Potter Congdon	<i>Wyoming, N. Y.</i>	8 K. H.
James Ray Craighead	<i>Saratoga Springs, N. Y.</i>	W. Δ. X. House
George Griswold Davidson, Jr.	<i>Albany, N. Y.</i>	Z. Ψ. House
Stephen Bradford Davol	<i>Fall River</i>	X. Ψ. Lodge
Louis DeForest Downer	<i>New York City</i>	K. A. Lodge
Fred Elliott Draper, Jr.	<i>Lansingburgh, N. Y.</i>	Δ. Ψ. Lodge
Charles Harrod Durfee	<i>Geneseo, N. Y.</i>	3 S. C.

Joseph Oriel Eaton	<i>Cincinnati, O.</i>	Δ . Ψ . Lodge
William Seward Elder	<i>Auburn, N. Y.</i>	3 K. H.
Clement Goldsmith Elmer	<i>Peconic, N. Y.</i>	19 E. C.
Charles Wilmer Fitch	<i>Mooers, N. Y.</i>	7 K. H.
Wells Hubert Fitch	<i>Brooklyn, N. Y.</i>	20 E. C.
Harry Ernest Foster	<i>Keene, N. H.</i>	23 E. C.
William Bradley Frear	<i>Troy, N. Y.</i>	Z. Ψ . House
Robert Torrington Furman	<i>Topeka, Kan.</i>	Δ . K. E. House
Charles Dwight Gates	<i>Peacham, Vt.</i>	5 K. H.
Frederick Day Goodwin	<i>Sharon Hill, Pa.</i>	3 K. H.
William Hardy Gorman	<i>Columbus, O.</i>	16 M. H.
Benjamin Callender Heald, Jr.	<i>Portland, Oregon</i>	Σ . Φ . Place
Maclay Hoyne	<i>Chicago, Ill.</i>	Δ . Γ . House
George William Hunter, Jr.	<i>Norwalk, Conn.</i>	Θ . Δ . X. House
Ariel Harris Ide	<i>Troy, N. Y.</i>	Δ . Ψ . Lodge
Robert Hutchins Jeffrey	<i>Columbus, O.</i>	X. Ψ . Lodge
Harold Abbott Johnson	<i>Brookfield</i>	Σ . Φ Place
Adam Leroy Jones	<i>Hoopston, Ill.</i>	1 W. C.
George Bancroft Kilbourne	\bullet <i>Columbus, O.</i>	Σ . Φ . Place
Frederick Porter Kimball	<i>Lakewood, N. J.</i>	Δ . Ψ . Annex
Benjamin Weld Knower	<i>West Troy, N. Y.</i>	9 E. C.
George Arthur Lundy	<i>Troy, N. Y.</i>	2 W. C.
Walter Horton Main	<i>Troy, N. Y.</i>	12 E. C.
Allan Marsh	<i>Omaha, Neb.</i>	Φ . Δ . Θ . House
Rufus Graves Mather	<i>Brooklyn, N. Y.</i>	Δ . Ψ . Annex
Frederick William Memmott	<i>Newark, N. J.</i>	8 K. H.
Craig Carlton Miller	<i>Miller's Corners, N. Y.</i>	X. Ψ . Lodge
Edward Clarence Miller	<i>Skaneateles, N. Y.</i>	20 E. C.
Willard Pierrepont Millspaugh	<i>Richmond, N. Y.</i>	Θ . Δ . X. House
Fred Howard Moffit	<i>Princeville, Ill.</i>	11 K. H.
Guy Hatfield Morgan	<i>Poughkeepsie, N. Y.</i>	Z. Ψ . House
Lewis Arthur Morrow	<i>Princeville, Ill.</i>	11 K. H.
Harrison Albeon Morse	<i>Mansfield</i>	4 W. C.
Harold Phelps Moseley	<i>Westfield</i>	Δ . Ψ . Lodge
James Ogilvie	<i>Lawrence</i>	13 K. H.
Frank Silliman Parmenter	<i>Troy, N. Y.</i>	Δ . Γ . House

Stuart Forbes Patterson	<i>Cooperstown, N. Y.</i>	<i>A. Δ. Φ. House</i>
John Herbert Peck	<i>Pittsfield</i>	<i>Θ. Δ. X. House</i>
George Fitch Perkins, Jr.	<i>Jersey City, N. J.</i>	<i>Σ. Φ. Place</i>
William George Ramsay	<i>New York City</i>	<i>10 S. C.</i>
Francis William Rawle	<i>Bryn Mawr, Pa.</i>	<i>A. Δ. Φ. House</i>
Edward Rowland Richards	<i>West Winsted, Conn.</i>	<i>12 E. C.</i>
Henry Drinker Riley	<i>Philadelphia, Pa.</i>	<i>A. Δ. Φ. House</i>
William Chandler Roudenbush	<i>Greenfield</i>	<i>1 K. H.</i>
Arthur Belding Rudd	<i>Poughkeepsie, N. Y.</i>	<i>A. Δ. Φ. House</i>
John Stewart Russell	<i>Troy, N. Y.</i>	<i>1 M. H.</i>
John Albertson Sampson	<i>Troy, N. Y.</i>	<i>Θ. Δ. X. House</i>
Henry Gansevoort Sanford	<i>Poughkeepsie, N. Y.</i>	<i>K. A. Lodge</i>
William Merriam Sawyer	<i>Nashua, N. H.</i>	<i>Σ. Φ. Place</i>
William Senger	<i>Port Jervis, N. Y.</i>	<i>11 W. C.</i>
Charles Mills Slocum	<i>Port Jervis, N. Y.</i>	<i>1 K. H.</i>
Monroe Weed Smith	<i>Warsaw, N. Y.</i>	<i>10 K. H.</i>
Hermon Arnold Strong	<i>Winsted, Conn.</i>	<i>19 E. C.</i>
Elnathan Sweet, Jr.	<i>Albany, N. Y.</i>	<i>A. Δ. Φ. House</i>
Ewing Taylor	<i>Poughkeepsie, N. Y.</i>	<i>Σ. Φ. Place</i>
James Taylor, Jr.	<i>Southbridge</i>	<i>12 K. H.</i>
John Daniel Wild	<i>Manchester, Vt.</i>	<i>10 K. H.</i>

SENIORS, 76

*Harry Baldwin Leonard	<i>Chicago, Ill.</i>	<i>Σ. Φ. Place</i>
*Warren Morse	<i>Williamstown</i>	<i>White Oaks</i>
*Frederick de Peyster Townshend	<i>Melrose</i>	<i>K. A. Lodge</i>

PARTIAL COURSE, 3

JUNIOR CLASS

Frederick Alonzo Alden	<i>Troy, N. Y.</i>	<i>2 K. H.</i>
Frederick Bowden Ayer	<i>Shrewsbury</i>	<i>11 W. C.</i>
Arthur Ward Bailey	<i>Quincy</i>	<i>12 S. C.</i>
Francis Edgar Bates	<i>Westfield</i>	<i>11 S. C.</i>
Edward Willard Blodgett	<i>Leominster</i>	<i>Z. Ψ. House</i>
John William Bockes	<i>Skaneateles, N. Y.</i>	<i>3 W. C.</i>

* Partial Course.

Horace Greeley Brown	<i>Plainfield, Conn.</i>	4 K. H.
George Kendrick Buck	<i>Manchester, N. H.</i>	11 E. C.
Robert Allyn Budington	<i>Leyden</i>	10 S. C.
Charles Edward Buell	<i>Litchfield, Conn.</i>	8 W. C.
Charles Francis Canedy	<i>Shelburne Falls</i>	Φ. Δ. Θ. House
Ogden Chapin	<i>Springfield</i>	8 E. C.
John Davol Chapman	<i>Brooklyn, N. Y.</i>	Δ. K. E. House
Sumner Allen Chapman	<i>Hanson</i>	9 S. C.
Ernest Harold Cluett	<i>Troy, N. Y.</i>	Δ. Ψ. Annex
Walter Ward Cooper	<i>Little Falls, N. Y.</i>	22 M. H.
Thomas Bigelow Cowen	<i>New York City</i>	A. Δ. Φ. House
Philip H. Dater	<i>Eagle Mills, N. Y.</i>	7 E. C.
George Edward Deely	<i>Lee</i>	24 E. C.
Sylvester Chittenden Deming	<i>Arlington, Vt.</i>	22 M. H.
Clarence Wells Dunham	<i>Troy, N. Y.</i>	2 K. H.
Edward Calvin Durfee	<i>Geneseo, N. Y.</i>	3 S. C.
Frederic Crook Eastman	<i>Brooklyn, N. Y.</i>	7 W. C.
Augustus Graves Ely	<i>Cranford, N. J.</i>	Δ. Ψ. Annex
Islay VanHorn Gill	<i>Greenwich, N. Y.</i>	5 E. C.
Theodore Gilman, Jr.	<i>Yonkers, N. Y.</i>	K. A. Lodge
Leonard Titus Haight	<i>Skaneateles, N. Y.</i>	3 W. C.
William Winn Hartwell	<i>Woburn</i>	8 E. C.
Charles Avery Hickey	<i>Auburn, N. Y.</i>	Φ. Δ. Θ. House
Carroll Olmsted Holmes	<i>Auburn, N. Y.</i>	Υ. Ψ. House
George Walter Humphrey	<i>Denver, Colorado</i>	Δ. Ψ. Annex
James Herbert Irish	<i>Skaneateles, N. Y.</i>	Φ. Δ. Θ. House
Bernard Kelly	<i>North Adams</i>	24 E. C.
William Kirk, Jr.	<i>Delmar, N. Y.</i>	11 E. C.
Henry Seymour Knight	<i>Lansingburgh, N. Y.</i>	Mr. Wheeler's
Edward Morgan Lewis	<i>Utica, N. Y.</i>	9 K. H.
William Andrew Lockwood	<i>Westfield</i>	K. A. House
Charles Francis Lyon	<i>Auburn, N. Y.</i>	22 W. C.
James Arthur Lytle	<i>Lawrence</i>	7 W. C.
Thomas Corwin McDowell	<i>Medina, O.</i>	Δ. K. E. House
Fred Hulse Mapes	<i>Middletown, N. Y.</i>	13 W. C.
Berthier Whitford Mather	<i>Garrattsville, N. Y.</i>	Δ. Γ. House

John Arthur Miller	<i>Portsmouth, Va.</i>	8 S. C.
Paul Caldwell Mitchell	<i>Mansfield, O.</i>	10 M. H.
Clarence Eliud Parker	<i>South Granville, N. Y.</i>	3 E. C.
Nathaniel Willis Parker	<i>South Granville, N. Y.</i>	3 E. C.
Henry Stuart Patterson	<i>New York City</i>	A. Δ. Φ. House
Edmonds Putney	<i>New York City</i>	Θ. Δ. X. House
James Wells Reed	<i>Richmond Mills, N. Y.</i>	4 K. H.
Sanford Robinson	<i>North Adams</i>	Δ. K. E. House
Robert Wells Root	<i>Hartford, Conn.</i>	A. Δ. Φ. House
Clarence John Russell	<i>Pittsfield</i>	5 W. C.
John Wilthauper Russell	<i>New York City</i>	Δ. T. Δ. Lodge
Willard Dean Shannahan	<i>Green Island, N. Y.</i>	13 W. C.
Theodore Hinman Simmons	<i>Cleveland, O.</i>	K. A. House
Dwight Gordon Smith	<i>Washington, D. C.</i>	Δ. Γ. House
William Aaron Spangler	<i>Denver, Colorado</i>	Δ. Ψ. Annex
Harry Griffen Stephens	<i>Bridgehampton, N. Y.</i>	1 W. C.
Charles Edward Street	<i>Lee</i>	1 E. C.
Dudley Woodbridge Strickland	<i>Brookline</i>	Δ. Γ. House
William Richardson Thurston	<i>New York City</i>	Mrs. Sutherland's
William Groat VanLoon	<i>Albany, N. Y.</i>	Z. Ψ. House
Karl Ephraim Weston	<i>Winchendon</i>	Φ. Δ. Θ. House
Henry Brainard White	<i>Marcellus, N. Y.</i>	Φ. Δ. Θ. House
William Williamson	<i>Manchester, N. H.</i>	5 W. C.
David Moorad Yeretsian	<i>Moorh, Turkey in Asia</i>	11 S. C.

JUNIORS, 66

SOPHOMORE CLASS

Edgar Willey Ames	<i>Sherburne, N. Y.</i>	9 W. C.
George Walter Ashton	<i>Blackinton</i>	4 E. C.
Jesse Battey Barns	<i>Milford</i>	2 E. C.
Almon Colburn Barrell	<i>Albion, N. Y.</i>	Z. Ψ. House
Samuel Joseph Benson	<i>Troy, N. Y.</i>	31 W. C.
Edward Dimon Bird	<i>New York City</i>	K. A. House
Cevedra D. Blake	<i>St. Louis, Mo.</i>	26 M. H.

Dalton Hiram Blanchard	<i>White Creek, N. Y.</i>	16 E. C.
William Baylies Bliss, Jr.	<i>Fall River</i>	23 M. H.
Samuel Wells Bowerman	<i>Pittsfield</i>	34 M. H.
Richard Robertson Bradbury	<i>New York City</i>	Prof. Safford's
Alonzo Farley Brewer	<i>Newton Centre</i>	25 W. C.
Howard Munson Briggs	<i>Lansingburgh, N. Y.</i>	7 E. C.
Joseph Chester Briggs	<i>Columbus, O.</i>	X. Ψ . House
William Robinson Brown	<i>Portland, Me.</i>	2 M. H.
William Adams Burns	<i>Pittsfield</i>	Δ . T. House
George William Cartledge	<i>Meriden, Conn.</i>	21 E. C.
Robert Francis Cheney	<i>Lee</i>	Library
Egerton Chichester	<i>New York City</i>	8 M. H.
Stephen Dutton Clarke	<i>Buffalo, N. Y.</i>	J. Ψ . Annex
Heber Howe Cleveland	<i>Somerville</i>	13 E. C.
Guy Leartus Connor	<i>Detroit, Mich.</i>	5 C. H.
Ray Connor	<i>Detroit, Mich.</i>	5 C. H.
Clifford Henry Coon	<i>Adams Centre, N. Y.</i>	26 W. C.
Francis Patrick Cullen	<i>Pittsfield</i>	14 E. C.
Alexander Davidson	<i>Albany, N. Y.</i>	Z. Ψ . House
Robert Fuller Denison	<i>Cleveland, O.</i>	21 M. H.
Frank Edward Dewey	<i>Milwaukee, Wis.</i>	8 M. H.
Hugh Paton Drysdale	<i>North Adams</i>	24 W. C.
Frank Lewis Duley	<i>Gloucester</i>	12 S. C.
Howard Bertram Elliott	<i>New Rochelle, N. Y.</i>	Δ . T. Δ . Lodge
George William Gillette	<i>Canandaigua, N. Y.</i>	X. Ψ . House
Reid Gilmore	<i>Salem, N. Y.</i>	10 E. C.
Clinton Burr Goodrich	<i>North Adams</i>	22 E. C.
Gurdon Wright Gordon	<i>Sheffield</i>	26 W. C.
William Ellery Greene	<i>Cleveland, O.</i>	21 M. H.
Damon Everett Hall	<i>Williamstown</i>	16 E. C.
Laurence Ashley Hawkins	<i>Pittsfield</i>	22 E. C.
George Brown Hedges	<i>New York City</i>	5 M. H.
John Francis Heffernan	<i>Housatonic</i>	14 E. C.
Grosvenor Bouton Hill	<i>Lockport, N. Y.</i>	28 W. C.
Jerome Odell Hoyt	<i>Cambridge, N. Y.</i>	5 E. C.
Philip Lyman James	<i>Williamsburg</i>	26 M. H.

Walter Cooper Johnston	<i>Evanston, Ill.</i>	20 M. H.
Lincoln Kilbourne	<i>Columbus, O.</i>	Σ . Φ . House
John Bradfute Knox	<i>Yellow Springs, O.</i>	23 M. H.
Edwin Waterman Lee	<i>St. Louis, Mo.</i>	10 C. H.
Maurice Ambrose Levy	<i>West Townsend</i>	2 E. C.
Guy Alton McGowan	<i>Canandaigua, N. Y.</i>	18 E. C.
Frederic Lee Matthews	<i>Youngstown, O.</i>	17 S. C.
Roy Waldo Miner	<i>North Adams</i>	6 E. C.
John Francis Murray	<i>Troy, N. Y.</i>	2 W. C.
Lynn Carlton Norris	<i>Canandaigua, N. Y.</i>	18 E. C.
George Tyler Northup	<i>Evanston, Ill.</i>	20 M. H.
William Herbert Nutter	<i>Pittsfield</i>	17 E. C.
Herbert Peake	<i>Walton, N. Y.</i>	13 C. H.
James McLaury Peake	<i>Walton, N. Y.</i>	13 C. H.
Charles Francis Pease	<i>Chester</i>	6 C. H.
Eugene Bennett Pierce	<i>Putney, Vt.</i>	28 W. C.
Herbert Lee Pratt	<i>Hingham Centre</i>	6 M. H.
Burritt Fitch Prudden	<i>Oswego, N. Y.</i>	17 S. C.
Albert Adien Reynolds	<i>North Adams</i>	21 E. C.
Wallace Everett Richmond	<i>North Adams</i>	6 E. C.
Edwin Nicholas Riggins	<i>East Orange, N. J.</i>	Mr. N. F. Smith's
Herbert Francis Roy	<i>Troy, N. Y.</i>	2 M. H.
John Joseph Ryan	<i>North Adams</i>	31 W. C.
Moses Weld Terrill	<i>Morrisville, Vt.</i>	13 E. C.
Everett Henry Thayer	<i>Tarrytown, N. Y.</i>	K. A. House
Lyman Hinsdill Toombs	<i>North Bennington, Vt.</i>	10 E. C.
Gilbert Earle Treat	<i>Auburn, N. Y.</i>	22 W. C.
Charles Hemenway Upton	<i>Springfield</i>	Δ . K. E. House
Edwin Midgley Walker	<i>Lockport, N. Y.</i>	4 E. C.
Fred Brown Whitney	<i>Waukegan, Ill.</i>	Δ . I. House
Russell Jones Wilbur	<i>Omaha, Neb.</i>	Σ . Φ . Place
Frank Marion Williams	<i>Cheshire</i>	The Hermitage
John Kirke Williams	<i>Peacham, Vt.</i>	24 W. C.
Charles Albert Wright	<i>Moravia, N. Y.</i>	15 W. C.

FRESHMAN CLASS

James Frederick Bacon	<i>Pittsfield</i>	14 C. H.
Samuel Alexander Baillie	<i>Troy, N. Y.</i>	5 S. C.
George Barber Barrell	<i>Albion, N. Y.</i>	15 M. H.
Hawley Newton Bidwell	<i>Medina, N. Y.</i>	37 M. H.
John Martin Bieler	<i>Boston</i>	4 W. C.
Phillips Blagden	<i>Boston</i>	10 C. H.
William Czar Bradley	<i>Nyack, N. Y.</i>	31 M. H.
John Ransom Bragdon	<i>Auburndale</i>	4 M. H.
Philip Marshall Brown	<i>Woburn</i>	6 W. C.
Roy Clement Burr	<i>Worthington</i>	20 W. C.
Cornelius Murtogh Callahan	<i>Norwood</i>	21 W. C.
Walter Albert Carr	<i>Concord</i>	17 W. C.
Randolph Foster Clark	<i>Keeseville, N. Y.</i>	4 S. C.
Almeron Hyde Cole	<i>Albion, N. Y.</i>	15 M. H.
Ernest Jesse Cory	<i>Buskirks Bridge, N. Y.</i>	6 S. C.
Julius Estey Cull	<i>Greenwich, N. Y.</i>	30 M. H.
Albert Roscoe Tenney Davis	<i>Fall River</i>	15 E. C.
Charles Henry Davis	<i>Ware</i>	24 M. H.
George Edward Denman	<i>Auburn, N. Y.</i>	15 W. C.
George Phillips Dike	<i>Auburndale</i>	30 W. C.
William Howard Doughty, Jr.	<i>Troy, N. Y.</i>	Mrs. Hart's
Philip Henry Draper	<i>Lansingburgh, N. Y.</i>	35 M. H.
Ralph Walton Dunbar	<i>Brookline</i>	17 M. H.
Herman White Fifer	<i>Bloomington, Ill.</i>	25 M. H.
Charles William Floyd	<i>Memphis, Tenn.</i>	4 M. H.
Claude Augustine Frink	<i>North Adams</i>	15 E. C.
William Hanington Galarneau	<i>Albion, N. Y.</i>	12 W. C.
Charles William Gamwell	<i>Pittsfield</i>	14 C. H.
Frederic Bellamy Gilbert, Jr.	<i>Philadelphia, Pa.</i>	28 M. H.
Matthew Addison Graff	<i>Shields, Pa.</i>	Mr. Danforth's
Allen Hamilton 2d.	<i>Fort Wayne, Ind.</i>	14 M. H.
Charles Edward Hamilton	<i>Greenwich, N. Y.</i>	30 M. H.
Elijah Edgar Harris	<i>Ilinsdale</i>	16 S. C.
Clifford Campbell Haskins	<i>North Adams</i>	29 W. C.

Albert Edward Holmes	<i>Kansas City, Mo.</i>	13 M. H.
Lawrence Riggs Howard	<i>Glencoe, Ill.</i>	19 W. C.
Harry Hopkins Hubbell	<i>Buffalo, N. Y.</i>	6 K. H.
William Henry Hunt	<i>Minneapolis, Minn.</i>	27 W. C.
Elmore Edward Hutchinson	<i>Pearl Creek, N. Y.</i>	10 W. C.
George Peck Ide, Jr.	<i>Troy, N. Y.</i>	7 M. H.
Arthur Ketchum	<i>New York City</i>	33 M. H.
John Henry Lotz	<i>Kinsman, O.</i>	6 W. C.
Eugene McCarthy	<i>Troy, N. Y.</i>	29 M. H.
Joseph William McConnell	<i>Fitchburg</i>	29 W. C.
Roy Herbert Macumber	<i>Manchester, N. Y.</i>	16 W. C.
Olney Blanchard Mairs	<i>Brooklyn, N. Y.</i>	31 M. H.
Edward James Maroney	<i>Springfield</i>	6 S. C.
William Henry Matthews	<i>Huntington</i>	20 W. C.
William Burnham Merwin	<i>Pasadena, Cal.</i>	37 M. H.
Albert Roncliffe Moffit	<i>Princeville, Ill.</i>	10 W. C.
Fred Beebe Newman	<i>Plainfield, N. J.</i>	Mr. Peabody's
Harry Dwight Nims	<i>Concord, N. H.</i>	17 M. H.
Guy Hinchman Noble	<i>Morristown, N. J.</i>	Mrs. Hart's
William Shephard Noble	<i>Morristown, N. J.</i>	Mrs. Hart's
Walter Edwin Orton	<i>Williamstown</i>	4 S. C.
Charles Percy Parkhurst	<i>St. Paul, Minn.</i>	21 W. C.
Horace Nathaniel Pennoyer	<i>Portland, Ore.</i>	Mr. N. F. Smith's
Lewis Perry	<i>Williamstown</i>	Dr. Perry's
Albert Tanner Phelps	<i>Lee</i>	19 W. C.
James Bissett Pratt	<i>Elmira, N. Y.</i>	Mrs. Sutherland's
William Thomas Quinn	<i>Williamstown</i>	Mrs. Quinn's
Benjamin Wright Raymond	<i>Chicago, Ill.</i>	38 M. H.
Edward Hiram Reede	<i>Albion, N. Y.</i>	12 W. C.
George Payson Rowell	<i>Franklin, N. Y.</i>	5 S. C.
Frederick Winslow Rust	<i>Kansas City, Mo.</i>	13 M. H.
George Gilmore Scott	<i>Geneseo, N. Y.</i>	12 K. H.
Victor Henry de Somoskeöy	<i>Canandaigua, N. Y.</i>	16 W. C.
John Seymour Stone, Jr.	<i>Great Barrington</i>	32 W. C.
Murray M. Storke	<i>Auburn, N. Y.</i>	23 W. C.
John Adelbert Street	<i>Lee</i>	1 E. C.

John Henry Thorpe	<i>Cohoes, N. Y.</i>	6 S. C.
Henry Woodruff Titus	<i>Auburn, N. Y.</i>	23 W. C.
Rossiter Blake Towle	<i>Omaha, Neb.</i>	6 M. H.
Percival Henry Truman	<i>Chicago, Ill.</i>	8 W. C.
Arthur Clement Twitchell	<i>Portland, Me.</i>	38 M. H.
William Francis Walsh	<i>Hancock</i>	17 W. C.
Paul Harrison Waterman	<i>Westfield</i>	6 C. H.
Allen Lawrence Winter	<i>Bloomington, Ill.</i>	25 M. H.
Frederic Taylor Wood	<i>Newton Centre</i>	25 W. C.
Ray Palmer Woodin	<i>Great Barrington</i>	32 W. C.
John Meredith Woodward	<i>Brooklyn, N. Y.</i>	32 M. H.

FRESHMEN, 81

PARTIAL COURSE STUDENTS

James McConnell Bailey	<i>Zanesville, O.</i>	Δ . K. E. House
George Alfred Cluett	<i>Troy, N. Y.</i>	5 M. H.
William Rickcords Folsom	<i>Buffalo, N. Y.</i>	Δ . K. E. House
Charles Waldron Storke	<i>Auburn, N. Y.</i>	X. Ψ . House

John Corbin	<i>Plattsburgh, N. Y.</i>	10 M. H.
Nejib Ibrahim Angelo Katibah	<i>Syria</i>	9 W. C.
Ralph Spencer Keep	<i>Lockport, N. Y.</i>	Z. Ψ . House
Karl Tilton Kirk	<i>Zanesville, O.</i>	34 M. H.
Edward Ashley Watson	<i>Brookline</i>	26 M. H.

Robert Harlow Anderson	<i>Constantinople, Turkey</i>	30 W. C.
Edwin Smith Andrews	<i>Zanesville, O.</i>	32 M. H.
Frederick Alexander Balch	<i>Detroit, Mich.</i>	Mr. Sanford's
Stephen Sturtevant Burnett	<i>Cleveland, O.</i>	29 M. H.
Clinton Churchill Clarke, Jr.	<i>Chicago, Ill.</i>	36 M. H.
Charles Clay Coulter	<i>Frankfort, Ind.</i>	28 M. H.
Paul Martin Deming	<i>Arlington, Vt.</i>	24 M. H.
Claude Louis Faye Duhain	<i>New York City</i>	33 M. H.

Lee Fargo	Chicago, Ill.	K. A. Annex
Richard Brown Harris	Marblehead	3 M. H.
Frank Conkling Huyck	Albany, N. Y.	7 M. H.
Rufus Tryon Lacombe	Athens, N. Y.	K. A. Annex
Fred Smith Madison	Montclair, N. J.	Mrs. Wardwell's
Henry Gassett Simmons	Newport, R. I.	9 C. H.
Harrison Martin Snider	Cleveland, O.	16 M. H.

PARTIAL COURSE, 24

SUMMARY

GRADUATES	.	.	.	.	.	.	3
SENIORS	.	.	.	.	.	.	76
JUNIORS	.	.	.	.	.	.	66
SOPHOMORES	.	.	.	.	.	.	77
FRESHMEN	.	.	.	.	.	.	81
PARTIAL COURSE	.	.	.	.	.	.	27
TOTAL	.	.	.	.	.	.	330

SUMMARY BY STATES

NEW YORK	.	.	.	.	.	.	134
MASSACHUSETTS	.	.	.	.	.	.	90
OHIO	.	.	.	.	.	.	19
ILLINOIS	.	.	.	.	.	.	17
VERMONT	.	.	.	.	.	.	10
NEW JERSEY	.	.	.	.	.	.	9
CONNECTICUT	.	.	.	.	.	.	7
NEW HAMPSHIRE	.	.	.	.	.	.	6
PENNSYLVANIA	.	.	.	.	.	.	6
MISSOURI	.	.	.	.	.	.	4
NEBRASKA	.	.	.	.	.	.	4
MAINE	.	.	.	.	.	.	3
MICHIGAN	.	.	.	.	.	.	3
COLORADO	.	.	.	.	.	.	2
OREGON	.	.	.	.	.	.	2
MINNESOTA	.	.	.	.	.	.	2
INDIANA	.	.	.	.	.	.	2

CALIFORNIA	.	.	.	.	.	.	1
KANSAS	.	.	.	.	.	.	1
RHODE ISLAND	.	.	.	.	.	.	1
TENNESSEE	.	.	.	.	.	.	1
VIRGINIA	.	.	.	.	.	.	1
WASHINGTON, D. C.	.	.	.	.	.	.	1
WISCONSIN	.	.	.	.	.	.	1
TURKEY	.	.	.	.	.	.	2
SYRIA	.	.	.	.	.	.	1
							<hr/>
TOTAL	.	.	.	.	.	.	330
WHOLE NUMBER OF GRADUATES	.	.	.	.	.	.	3,430

CATALOGUE
OF
WILLIAMS COLLEGE

1895-96

WILLIAMSTOWN, MASS.
PUBLISHED BY THE COLLEGE
1895

1896

[illegible]

CALENDAR

1895—June 26.—COMMENCEMENT Wednesday

Summer Vacation of Thirteen Weeks.

Sept. 24-25—Examinations for Admission, Tuesday and
Wednesday.

Sept. 26.—College Year begins. Thursday

Oct. 10.—Mountain Day, a holiday Thursday

Nov. 28.—Thanksgiving Day, a holiday Thursday

Dec. 16-19.—Semi - Annual Examinations, Monday to
Thursday.

Dec. 20.—First Term ends Friday

Winter Vacation of Nineteen Days.

1896—Jan. 8.—Second Term begins Wednesday

Jan. 30.—Day of Prayer for Colleges Thursday

Feb. 22.—Washington's Birthday, a holiday Saturday

March 26.—Second Term ends Thursday

Easter Vacation of Eleven Days.

Apr. 8.—Third Term begins Wednesday

May 30.—Memorial Day, a holiday Saturday

June 8.—Senior Examinations begin Monday

June 15-20.—Semi-Annual Examinations, Monday to Satur-
day.

June 20.—Graves Prize Speaking Saturday evening

June 21.—Baccalaureate Sermon Sunday forenoon

June 21.—Mission Park Meeting Sunday afternoon

June 21.—Address before the Mills Y. M. C. A., Sunday
evening.

June 22-23.—Examinations for Admission, Monday and
Tuesday.

June 23.—Alumni Meeting Tuesday forenoon

June 23.—Class Day Tuesday afternoon

June 23.—Prize Rhetorical Exhibition Tuesday evening

June 24.—COMMENCEMENT Wednesday

Summer Vacation of Thirteen Weeks.

Sept. 22-23.—Examinations for Admission, Tuesday and
Wednesday.

Sept. 24.—College Year begins Thursday

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WILLIAMS COLLEGE

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PRESIDENTS

REV. EBENEZER FITCH, D.D., 1793-1815
REV. ZEPHANIAH SWIFT MOORE, D.D., 1815-1821
REV. EDWARD DORR GRIFFIN, D.D., 1821-1836
REV. MARK HOPKINS, D.D., LL.D., 1836-1872
HON. PAUL ANSEL CHADBOURNE, D.D., LL.D., 1872-1881
FRANKLIN CARTER, PH.D., LL.D., 1881-

TRUSTEES

FRANKLIN CARTER, PH.D., LL.D.,

PRESIDENT

REV. ROBERT RUSSELL BOOTH, D.D., LL.D., New York City
CHARLES AUGUSTUS DAVISON, M.A., New York City
HON. JAMES MADISON BARKER, LL.D., Pittsfield
REV. WILLIAM WISNER ADAMS, D.D., Fall River
HORACE ELISHA SCUDDER, B.A., Cambridge
FREDERICK FERRIS THOMPSON, M.A., New York City
REV. CHARLES CUTHBERT HALL, D.D., Brooklyn, N. Y.
REV. HENRY HOPKINS, D.D., Kansas City, Mo.
REV. WASHINGTON GLADDEN, D.D., LL.D., Columbus, O.
FRANCIS LYNDE STETSON, M.A., New York City
ALBERT CHARLES HOUGHTON, North Adams
JUSTIN KELLOGG, M.A., Troy, N. Y.
HON. JUSTIN DEWEY, LL.D., Springfield
JAMES RUDOLPH GARFIELD, B.A., Cleveland, O.
HAMILTON WRIGHT MABIE, L.H.D., New York City
REV. DANIEL MERRIMAN, D.D., Worcester

WILLIAMS COLLEGE

7

**JAMES HOSMER,
ACTING TREASURER**

**REV. CHARLES HENRY BURR, B.A.
SECRETARY**

•

FINANCE COMMITTEE

**CHARLES A. DAVISON
JAMES M. BARKER
FREDERICK F. THOMPSON
FRANCIS L. STETSON**

EXECUTIVE COMMITTEE

**ROBERT R. BOOTH
WILLIAM W. ADAMS
CHARLES C. HALL
HORACE E. SCUDDER**

LIBRARY COUNCIL

**THE PRESIDENT OF THE COLLEGE, *ex-officio*
THE LIBRARIAN OF THE COLLEGE, *ex-officio*
PROFESSOR JOHN H. HEWITT
PROFESSOR LEVERETT W. SPRING
PROFESSOR SAMUEL F. CLARKE**

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Instructor in Elocution

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Assistant in Chemistry

WILLIAMS COLLEGE

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Instructor in Mathematics and Assistant in Physics

GEORGE WILLIAM HUNTER, JR., B.A.
Assistant in Biology

CHARLES FREDERIC SEELEY,
Director of the Gymnasium

WILLIAMS COLLEGE

The College owes its origin to an educational bequest of Colonel Ephraim Williams for the purpose of establishing "a Free School" in Williamstown. The charter of this school, which was granted March 8, 1785, reads as follows :

AN ACT for directing the use and appropriation of a charitable donation, made in a certain clause in the last will and testament of Ephraim Williams, Esq., for the support and maintenance of a Free School in Williamstown, in the County of Berkshire; and for incorporating certain persons as trustees, in order more effectually to execute the intention of the testator, expressed in the same.

WHEREAS, Israel Williams, Esq., and John Worthington, Esq., executors of the last will and testament of Ephraim Williams, Esq., deceased, have represented to this court that the said Ephraim Williams, on the twenty-second day of July, Anno Domini one thousand seven hundred and fifty-five, made his last will and testament; in which after divers bequests, devises, and dispositions, is contained in the following clause, viz.:

Item: "It is my will, desire, and pleasure that the remaining part of the lands, not yet disposed of, shall be sold at the discretion of my executors, within five years after an established peace; and the interest of the money and also the interest arising from my bonds and notes shall be appropriated towards the support and maintenance of a Free School, in a township west of Fort Massachusetts, commonly called the West Township, forever; provided, the said township shall fall within the jurisdiction of the province of Massachusetts Bay; and provided, also, the Governor and General Court give the same township the name of Williamstown; and it is further my will and desire, that if there should remain any monies of the said above donation for the school, it be given towards the support of a school in the East Township, where the fort now stands; but in case the above provisos are not complied with, then it is my last will and choice that the interest of the above-mentioned monies be appropriated to some pious and charitable uses, in manner and form as above directed in the former part of my last will and testament."

And, whereas the said executors have further represented, that it may be

a matter of doubt and uncertainty whether the township mentioned in the above recited clause (which is now incorporated by the name of Williamstown) has so far fallen within the jurisdiction of the province of Massachusetts, now Commonwealth of Massachusetts, in the sense of the testator, as that they might be justified in appropriating the said donation to the support and maintenance of a Free School in the said town ; and have submitted their duty to the determination of this court, praying that an act may be passed to declare their duty, and to indemnify them in the execution of the same ;

SECTION 1. Be it enacted by the Senate and the House of Representatives, in General Court assembled, and by authority of the same, that the donation made in the clause before recited ought to be presently applied to the use and maintenance of a Free School in the town of Williamstown, in the County of Berkshire, and that in case the said donation shall afford an annual interest more than sufficient for the supporting and maintaining such school in Williamstown, then the surplusage be appropriated to the use and maintenance of a Free School in the tract of land called by the testator East Township, now incorporated by the name of Adams, with other lands applying and appropriating the said donation to the uses above expressed, and shall be liable to no action or suit in law or equity, on account of such appropriations.

And, whereas the said executors have further prayed that for carrying into complete execution the intention of the testator, a corporation may be created and vested with such powers as may be necessary for that purpose ;

SECTION 2. Be it therefore enacted by the authority aforesaid, that William Williams of Dalton, Theodore Sedgwick, Woodbridge Little, John Bacon, Thomson Joseph Skinner, Esquires, the Reverend Seth Swift and Daniel Collins, Mr. Israel Jones and Mr. David Noble, and their successors, to be elected and appointed as hereinafter directed and provided, be, and hereby are, incorporated, and shall be a corporation forever by the name of "The Trustees of the Donation of Ephraim Williams, Esq., for Maintaining a Free School in Williamstown" ; and that the said trustees and their successors be, and hereby are, vested with all the powers, rights, and immunities, which are by law incident to aggregate eleemosynary corporations.

SECTION 3. And be it further enacted, that the said corporation shall always consist of a number of not less than seven, nor more than nine persons, excepting only that wherever a vacancy shall happen by death, removal, refusal, or resignation of any member or members, so that the number be reduced to less than seven, the aforesaid number, then the remaining or surviving trustees shall have full power to perform all corporate acts until such vacancy be supplied ; and the said trustees shall elect and appoint a clerk of the corporation, who shall fairly enter and accord all

votes, acts, orders, and proceedings made, done, or passed by the trustees ; and shall elect a proper person to be their treasurer, who shall receive into his hands all monies belonging to the corporation, and pay the same pursuant to the order of the trustees, and shall always keep a fair account of all receipts and payments.

SECTION 4. And be it further enacted, that the power of electing and appointing successors in case of the death, removal, refusal, or resignation of any of the trustees be, and hereby is, vested solely in the Supreme Judicial Court of this Commonwealth ; and whenever any of the above mentioned cases shall happen, the trustees shall, as soon as conveniently may be, certify the same to the Justices of the said court, that a successor may be appointed ; and the Justices of the same court are hereby empowered to remove from office and trust any member of the corporation who shall, in their judgment, be unfit to hold the same, by reason of incapacity, misdemeanor, negligence, or breach of trust.

And to the intent that the said donation may not be wasted, mismanaged, or perverted from its original intention ;

SECTION 5. Be it further enacted by the authority aforesaid, that the said corporation, and the donation itself, shall always be under the visitation and direction of the Supreme Judicial Court, who are hereby empowered to visit the said corporation to rectify all abuses, to determine all matters of doubt or dispute touching the duty of the trustees, and the use, application, or appropriation of monies or interests to the same donation belonging ; and to make all such orders and regulations with respect to the use, management, and appropriation of the same donation and every part thereof, as they shall judge necessary or useful in order to promote the best interests of the school, according to the true meaning and intention of the testator and such laws of this Commonwealth as may be in force respecting the same ; and the said court, whenever they shall judge necessary, shall cause the said trustees to come before them, either to render an account of expenditures and dispositions of monies, or to answer for any mismanagement or breach of trust ; and the trustees shall appear and lay their accounts, papers, records, and corporation books before the said court for inspection, whenever they shall be required thereto.

SECTION 6. And be it further enacted that the said trustees and their successors for ever shall have the possession, management, and disposition of the whole interest and estate, real and personal, which is contained in and given, bequeathed, devised, or disposed of by the above recited clause in the will aforesaid ; and they are hereby empowered and directed, as soon as conveniently may be, to erect and maintain a Free School within the said town of Williamstown, for the instruction of youth, in such manner as most effectually to answer the pious, generous, and charitable intention of the testator, and agreeable to such orders and instructions as they may, from

time to time, receive from the Supreme Judicial Court ; and they are hereby empowered to appoint and employ instructors, masters, and officers, as shall be necessary for that purpose.

And to the intent that the said trustees may be enabled, in the most easy and expeditious manner, to receive in their own possession and management, the whole estate, property, and interest, contained in the aforesaid donation ;

SECTION 7. Be it further enacted by the authority aforesaid, that the said executors, shall, at the request of the trustees, make and execute to the said trustees a deed or deeds of conveyance of all such lands or real estate as belong to said donation, and yet remain unsold, in which deed or deeds it shall be expressed that the executors do grant to the trustees the right, estate, and interest of the testator, and of themselves, in and to the described lands or tenements to the trustees and their successors forever ; and the said executors shall deliver over into the hands of the trustees, at their request, all such personal securities or mortgages as the executors now have in their own hands, and which are a part of the same donation ; all which securities, whether bonds, promissory notes, mortgage deeds, or of what name or description soever, being endorsed with the name of the said executors, or one of them, and delivered as aforesaid, shall become the property of the trustees to all intents and purposes ; and they are hereby empowered, in the name of the corporation, to bring any action or actions against the obligors, promissors, mortgagors, or tenants, for recovering the contents of the same securities or possession of mortgaged estates, which action or actions shall be holden to be good and valid in law for that purpose, as if the securities or mortgage deeds had been originally made to the trustees by their corporate names.

And, whereas the testator has directed, that in case his principal donation should afford an interest more than sufficient for the support and maintenance of the school in Williamstown, the surplusage should be improved to the use of a school in the East Township, now called Adams, in the said County of Berkshire ; and whereas questions and disputes may arise touching the (nature) meaning and extent of this part of the will, and when there may be said to be a surplusage beyond what should be necessary, according to the intent of testator, for the support of the school in Williamstown ;

SECTION 8. Be it further enacted, that in case of such surplusage, the said trustees are hereby empowered and directed to use and employ the same for erecting and supporting a Free School in the said town of Adams, in the same manner as has been in this act before provided in respect of the school in Williamstown ; and that all questions and disputes that may arise concerning such surplusage, and the duty of the trustees in respect of the several schools, shall be determined by the Supreme Judicial Court ; and the trustees shall always conform their conduct and administration herein

to such orders and determinations as shall, from time to time, be made by the same court.

SECTION 9. And be it further enacted, that the Supreme Judicial Court may, at their discretion, exercise all the powers vested in them by virtue of this act, at any of the sessions holden within the counties of Berkshire or Hampshire ; and in all trials at law, the court, ex-officio, shall take notice of this act to all intents and purposes whatsoever, and the same shall be given in evidence under any general issue.

At their first meeting, April 24, 1785, the trustees passed a resolution to the effect that "it is the sense of the corporation that the Free School in Williamstown be open and free for the use and benefit of the inhabitants of that town and of the free citizens of the American States indiscriminately." They also decided that "it will best coincide with the liberal views of the donor and the intention of the legislature to admit no pupil to the Free School * * * not having been taught to read English well."

As they found it difficult to collect the necessary funds for erecting a building the trustees sent a petition, August 19, 1788, to the legislature "for the grant of a lottery to raise the sum of twelve hundred pounds." The act was passed February 11, 1789, part of which is as follows :

WHEREAS, It appears that it would promote the education of youth to erect a suitable building for the accommodation of the Free School in Williamstown, and the trustees of said school have represented their inability to accomplish the same without the aid of the legislature, and have requested that a lottery may be granted for that purpose :

Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, that there be, and hereby is granted a lottery, for raising a sum not exceeding twelve hundred pounds, the profits of which, after paying the necessary expenses of managing the same, shall be applied for the purpose of erecting the aforesaid building.

The initial step toward a transformation of the Free School into a college was taken at a meeting of the trustees, May 23, 1792. In a petition to the legislature they "humbly showed" what had been done already, and set forth the "several cir-

cumstances attending the situation of the Free School * * * peculiarly favorable to a seminary of a more public and important nature." The petition was granted, and an act to establish the College and to transfer to it the property of the Free School was passed June 22, 1793 :

Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, that there be erected and established, in the town of Williamstown, in the County of Berkshire, a college, for the purpose of educating youth, to be called and known by the name of Williams College, to be under the government and regulation of a body politic and corporate as hereafter in this act is provided.

* * * * *

And be it further enacted by the authority aforesaid, that the clear rents, issues, and profits of all the estate, real and personal, of which the said corporation shall be seized or possessed, shall be appropriated to the endowment of said College in such a manner as shall most effectually promote virtue and piety and the knowledge of such of the languages and of the liberal arts and sciences as shall hereafter be directed from time to time by the said corporation.

* * * * *

And be it further enacted by the authority aforesaid, that all the property, real and personal, belonging to the trustees of Williamstown Free School, be, and the same hereby is vested in the corporation, which by this act is created.

And be it further enacted by the authority aforesaid, that there be, and hereby is granted to the trustees of Williams College, for the use, benefit, and purpose of supporting said college, twelve hundred pounds, to be paid out of the treasury of this Commonwealth ; three hundred pounds of the same to be paid the first day of September, one thousand seven hundred and ninety-three, and three hundred pounds annually, one the first day of September, for the three succeeding years.

February 26, 1796, an additional act was passed, as follows :

WHEREAS, Doubts have arisen, whether the rights and credits which, previous to passing the act aforesaid, were vested in and belonging to the trustees of the donation of EPHRAIM WILLIAMS, Esquire, for maintaining a Free School in WILLIAMSTOWN, are by virtue of the same act transferred to and vested in the Corporation of the PRESIDENT AND TRUSTEES OF WILLIAMS COLLEGE:

Be it therefore enacted by the Senate and House of Representatives, in General Court assembled, and by the authority of the same, that the said rights and credits be and hereby are transferred to and vested in the said Corporation of the PRESIDENT AND TRUSTEES OF WILLIAMS COLLEGE, who are hereby authorized to commence and prosecute to final judgment and execution, any suit or action in law or equity, which the said trustees of the donation of EPHRAIM WILLIAMS, Esquire, for maintaining a free school in WILLIAMSTOWN, might heretofore have commenced or prosecuted.

On petition of the trustees the legislature passed an act February 4, 1796, granting the college two townships of land "of the contents of six miles square each, to be laid out and assigned from any of the unappropriated lands belonging to this Commonwealth in the district of Maine." The act provided that the trustees "shall cause to be settled fifteen families in each of said townships within twelve years from the passing this resolve; and also that there be reserved in each township three lots of three hundred and twenty acres each for the following uses, viz., one lot for the first settled minister, one lot for the use of the ministry, and one lot for the use of schools in each of said townships." These lands were sold for about \$10,000, and the proceeds devoted to building East College.

Nine years later the college again appealed to the legislature for assistance. A committee of that body, which investigated the condition and prospects of the institution, made the following report, February 19, 1805 :

The Committee of both Houses, to whom was referred the petition of the President and Trustees of Williams College, praying the aid of government to enable them to build a chapel for the performance of divine service, and for keeping the college library and apparatus, having examined the origin, rise, and progress of the seminary, from its institution to the present time, together with the aid heretofore afforded by the government, and the existing state of its funds, beg leave to observe, That the funds granted by the original donor and the government have, in the opinion of the Committee, been judiciously applied to the object of the institution, and with success exceeding the most sanguine expectations, and that the present state of the college affords a reasonable and pleasing expectation of its future ex-

tensive benefits to society, and that a chapel for the purposes above mentioned would essentially promote the same ; and as the encouragement and grants of the government to that college have not been equal to those made to other seminaries in the Commonwealth, the Committee ask leave to report the following Resolve :

Resolved, For reasons set forth in the petition, that there be and hereby is granted one township of land of the contents of six miles square to be laid out and assigned from any of the unappropriated lands belonging to the Commonwealth, in the District of Maine, except the ten townships lately purchased of the Penobscot Indians. * * *

In 1809 the legislature granted another township of land in Maine "for further aid in support of Williams College and for the erecting of other buildings for the convenience of the institution and for sustaining a professor of the Oriental languages." The sum of \$9,500 was realized from the last two townships.

The legislature passed an act Feb. 24, 1814, "for the Encouragement of Literature, Piety and Morality and the Useful Arts and Sciences, and appropriated the taxes due to the Commonwealth from the Massachusetts Bank, "for the ten years next to come," to Harvard, Williams, and Bowdoin. Of this fund Williams received "three sixteenth parts," which amounted to \$30,000. In 1859 the State gave the college \$25,000, and in 1868, \$75,000. The total of these legislative gifts is \$153,500.

The principal college buildings, with the dates of their erection and their approximate cost, are as follows : West College, 1790, \$11,700 ; East College, 1798, \$12,400—burned in 1841, rebuilt 1842, \$7,000 ; South College, 1842, \$5,000 ; Griffin Hall Chapel, 1828, \$10,000 ; Hopkins Observatory, 1837, \$3,000 ; Lawrence Hall Library, 1846, \$7,000 ; Kellogg Hall, 1847, \$5,000 ; Jackson Hall, 1856, \$4,000 ; Alumni Hall Chapel, 1859, \$20,000 ; Goodrich Hall, 1864, \$25,000 ; College Hall, 1872, \$5,000 ; Clark Hall, 1882, \$25,000 ; Field Memorial Observatory, 1882, \$8,000 ; Morgan Hall, 1882, \$82,400 ; Lasell Gymnasium, 1886, \$50,000 ; Library Extension, 1890,

\$10,000 ; Hopkins Memorial Hall, 1890, \$87,800 ; Thompson Chemical Laboratory, 1892, \$60,000 ; Thompson Physical Laboratory, 1893, \$60,000 ; Thompson Biological Laboratory, 1893, \$60,000 ; College Infirmary, \$10,000. Total, \$568,300.

The corporate name of the college is THE PRESIDENT AND TRUSTEES OF WILLIAMS COLLEGE.

TERMS OF ADMISSION

Each candidate for admission must present a testimonial of good character from the teacher under whom he was prepared for college.

THE COURSE WITH GREEK

Candidates for admission to the Freshman class in this course must present satisfactory qualifications in the following books and subjects :

GEOGRAPHY.—Ancient and Modern.

HISTORY.—Greek to the death of Alexander, and Roman to the reign of Augustus. Smith's Smaller History of Greece, or Oman's History of Greece, and Leighton's History of Rome are recommended.

MATHEMATICS.—Arithmetic, including the Metric System. Algebra, through Quadratic Equations, including Radical Quantities and Simultaneous Quadratics. Plane Geometry.

ENGLISH.—Two sets of books are prescribed for preparation in English, one for reading, the other for more careful study. No candidate will be accepted in English whose work is notably deficient in point of spelling, punctuation, idiom, or division into paragraphs. The examination will consist of two parts :

1. *Reading and Practice.*—The candidate will be required to present evidence of a general knowledge of the subject-matter of the books assigned, and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of a part or the whole of this test, the candidate may be allowed to present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the books.

The books set for this part of the examination will be :

- 1896.—Shakspeare's *Midsummer Night's Dream* ; Defoe's *History of the Plague in London* ; Irving's *Tales of a Traveller* ; Scott's *Woodstock* ; Macaulay's *Essay on Milton* ; Longfellow's *Evangeline* ; George Eliot's *Silas Marner*.
- 1897.—Shakspeare's *As You Like It* ; Defoe's *History of the Plague in London* ; Irving's *Tales of a Traveller* ; Hawthorne's *Twice Told Tales* ; Longfellow's *Evangeline* ; George Eliot's *Silas Marner*.
- 1898.—Milton's *Paradise Lost*, Books I. and II. ; Pope's *Iliad*, Books I. and XXII. ; The *Sir Roger de Coverley Papers* in "The Spectator" ; Goldsmith's *Vicar of Wakefield* ; Coleridge's *The Ancient Mariner* ; Southey's *Life of Nelson* ; Carlyle's *Essay on Burns* ; Lowell's *Vision of Sir Launfal* ; Hawthorne's *The House of the Seven Gables*.
- 1899.—Dryden's *Palamon and Arcite* ; Pope's *Iliad*, Books I., VI., XXII., and XXIV. ; The *Sir Roger de Coverley Papers* in "The Spectator" ; Goldsmith's *The Vicar of Wakefield* ; Coleridge's *The Ancient Mariner* ; De Quincey's *The Flight of a Tartar Tribe* ; Cooper's *The Last of the Mohicans* ; Lowell's *The Vision of Sir Launfal* ; Hawthorne's *The House of the Seven Gables*.
- 1900.—Dryden's *Palamon and Arcite* ; Pope's *Iliad*, Books I., VI., XXII., and XXIV. ; the *Sir Roger de Coverley Papers* in "The Spectator" ; Goldsmith's *The Vicar of Wakefield* ; Scott's *Ivanhoe* ; De Quincey's *The Flight of a Tartar Tribe* ; Cooper's *The Last of the Mohicans* ; Tennyson's *The Princess* ; Lowell's *The Vision of Sir Launfal*.

2. *Study and Practice*.—This part of the examination presupposes a more careful study of each of the works named below. The examination will be upon subject-matter, form, and structure, and will also test the candidate's ability to express his knowledge with clearness and accuracy. The books set for this part of the examination will be :

- 1896.—Shakspeare's *Merchant of Venice* ; Milton's *L'Allegro*, *Il Penseroso*, *Comus*, and *Lycidas* ; Webster's *First Bunker Hill Oration*.
- 1897.—Shakspeare's *Merchant of Venice* ; Burke's *Speech on Conciliation with America* ; Scott's *Marmion* ; Macaulay's *Life of Samuel Johnson*.
- 1898.—Shakspeare's *Macbeth* ; Burke's *Speech on Conciliation with America* ; De Quincey's *Flight of a Tartar Tribe* ; Tennyson's *The Princess*.

1899.—Shakspeare's *Macbeth* ; Milton's *Paradise Lost*, Books I. and II. ; Burke's *Speech on Conciliation with America* ; Carlyle's *Essay on Burns*.

1900.—Shakspeare's *Macbeth* ; Milton's *Paradise Lost*, Books I. and II. ; Burke's *Speech on Conciliation with America* ; Macaulay's *Essays on Milton and Addison*.

LATIN.—Grammar, Allen and Greenough's, Gildersleeve's or Harkness's ; translation of simple sentences into Latin prose ; Cæsar, four books ; Cicero, seven orations, to be specified in the certificate ; Vergil, the *Bucolics*, and six books of the *Æneid*, including prosody ; translation at sight of passages from easy Latin prose. Equivalentents from other authors will be accepted in part. Candidates are expected to pronounce Latin according to the Roman method as set forth in Allen and Greenough's *Latin Grammar*, § 16, or Harkness's §§ 5, 6, and 7. Harper's *Latin Dictionary* is recommended.

After 1896, the requirements in Cicero will be six orations (instead of seven), and in Vergil the first five books of the *Æneid* (including prosody), and in addition, either the *Bucolics* or the sixth and seventh books of the *Æneid*. There will also be required translation at sight of passages from Nepos and the *Metamorphoses* of Ovid.

GREEK.—Hadley and Allen's or Goodwin's *Grammar* ; translation of simple English sentences into Greek ; Xenophon, four books of the *Anabasis* ; Homer, three books of the *Iliad* ; translation at sight of passages from easy Greek prose. One hundred and twelve pages of Goodwin's *Greek Reader* will be accepted as an equivalent for four books of the *Anabasis*. Candidates are expected to pronounce Greek according to the written accents, and in conformity with §§ 11, 14, 19, 20, and 21 of Hadley and Allen, or according to Goodwin's preface and § 28 of his revised edition. For Greek Prose Composition, Jones, Woodruff, Collar and Daniell, or Allinson (pages 105–121) is recommended. The seventh unabridged edition or the intermediate (but not the abridged) edition of Liddell & Scott's *Greek Lexicon* is also recommended. In order to help pupils to form a correct style, teachers are requested to insist upon the use of simple and idiomatic English in translating Latin and Greek.

THE COURSE WITHOUT GREEK.

The equivalent of two years of French (courses 1 and 2) or German (courses 1 and 2), or one year of either French or

German and one year of advanced Mathematics will be accepted in place of Greek.

With the year 1898 it will be expected that candidates who offer French or German in place of Greek should have studied either of these languages three years before presenting themselves for examination.

Examinations, both written and oral, are required in French and German, while in advanced Mathematics certificates will be accepted only from those schools which have obtained the certificate privilege for this subject by special application. All candidates for admission to the Freshman class in this course, whether by examination or by certificate, must, in addition to the requirements in Mathematics, English, Latin, and Geography specified in the course with Greek, present satisfactory qualifications in the following books and subjects :

FRENCH 1. I. Ability to translate simple prose at sight. In preparation for this at least five hundred pages of easy prose, preferably fiction, must be read. II. (a) Grammar. Thorough knowledge of elementary grammar, including the irregular verbs. Stress is laid on good pronunciation. The full equivalent of the ground covered by Grandgent's Short French Grammar will be required. (b) Composition. In preparation for this at least twenty-five pages of narrative prose must be translated from English into French, in addition to the usual grammatical exercises.

FRENCH. 2. I. Ability to translate standard French at sight. To attain the required proficiency at least three thousand pages of prose and verse must be read, including classic plays from Corneille, Molière and Racine, not less than two from each. II. (a) Grammar. In addition to elementary grammar a thorough knowledge of Syntax as given in Edgren's Compendious French Grammar, or its full equivalent, will be required. (b) Composition. Adequate preparation will require the translation of at least one hundred pages, chiefly narrative prose, from English into French. The student should work through a course in composition equivalent to the entire series comprised in the Materials for French Composition published by Heath & Co. III. History of French literature from the earliest times to the beginning of the eighteenth century. In preparation for this a text-book written in the French language must be used. Questions

on examination will be in French, and the answers must also be written in French. Duval or Petit de Julleville are recommended, and indicate the work required, which must be thorough.

GERMAN I.

I. Ability to translate simple prose at sight ; in preparation for this the student should have read two hundred and fifty pages of easy narrative prose. II. Proficiency in elementary grammar, including the rules for the arrangement of German sentences. There should be some practice in translating connected prose from English into German. Attention should be paid to a distinct pronunciation, for which purpose the memorizing of some well known lyrics is suggested.

GERMAN. 2.

I. For the examination in 1896 : One hundred and fifty pages of prose fiction ; and also Freytag's *Doktor Luther* ; Lessing's *Minna von Barnhelm* ; Schiller's *Wilhelm Tell* ; Goethe's *Hermann und Dorothea* ; Lyon's *Schillers Leben und Werke*. While reading at sight will be an essential part of the examination, the candidate will be tested on the works given above with regard to both language and subject-matter. Equivalents will be accepted. II. There will also be an exercise in prose composition, for which purpose the candidate should have translated about seventy-five pages of narrative prose from English into German.

ADVANCED MATHEMATICS.—I. Solid Geometry, as much as is contained in the ordinary text-books such as Chauvenet (Books VI.—IX.), Wentworth, Wells or Newcomb (Books VIII.—XI.). The examination will also include propositions for original demonstrations dependent on easy deductions from the standard propositions given in the text-books. II. Plane Trigonometry, including Goniometry and the practical use of Logarithmic Tables, as much as is contained in the first chapters of Chauvenet's *Treatise* (omitting the fine print), or the first four chapters of Wentworth's. III. Algebra, the subjects of the properties of Quadratic Equations, Imaginaries, Inequalities, Ratio and Proportions, the Progressions, the Binomial Theorem (with positive whole exponents), Variables and Limits, Series, Logarithms, and Complex Numbers as treated in Wentworth's or Wells's *College Algebra*, or in the corresponding chapters in Hall and Knight's or Todhunter's *Higher Algebra*.

HISTORY.—Candidates not offering Greek may substitute for Greek History either Montgomery's *English History* or Montgomery's *American History*, or equivalents. The certificate privilege may cover this requirement.

Candidates for admission to an advanced standing will be examined in the studies that have been pursued by the classes which they wish to enter, or in other equivalent studies.

They may at their option anticipate any prescribed scientific course of the college in Astronomy, Biology, Chemistry, or Physics, and substitute in its place laboratory or other advanced work. Special examinations will be held for this purpose.

Students who come from other colleges and who bring certificates of dismission, may, upon proof of their qualifications, be admitted to a corresponding standing in this college.

ADMISSION BY CERTIFICATE.

The privilege of sending students to this college by certificate is granted to schools which ask for it and which comply with the conditions on which this privilege is given, but it is not granted to private tutors and is revocable in all cases when it is not properly exercised.

Principals of schools who wish their students to be admitted by certificate must furnish the Secretary of the Faculty such information respecting their courses of study and their experience and success in preparing students for college as will enable the Faculty to act intelligently in reference to their applications.

Students who offer the advanced Mathematics (Solid Geometry, Plane Trigonometry, Higher Algebra) together with one year of French or German, will be examined in the mathematical subjects, unless the Faculty has passed a special vote giving the certificate privilege in these subjects to the school from which they come.

Certificates must be made out on blanks furnished by the Secretary of the Faculty, and in accordance with the instructions contained therein. These certificates must contain an explicit statement of the work done by the candidates and the time devoted to it. If the work covered by the certificate is considerably less than the amount required for admission, or if the time devoted to a given subject is inadequate (for instance less than three years of thirty-six weeks each upon Latin and less than two years on Greek), the certificate will not be

accepted for the subject in which the deficiency occurs, though it will remain valid for other subjects. In such cases an examination upon the subjects involved will be required.

In 1898 and thereafter certificates will not be accepted in Greek for candidates who have studied the subject less than three full school years. In 1899 and thereafter certificates will not be accepted in Latin for candidates who have studied the subject less than four full school years.

No certificate will be accepted for the French and German required for admission to the course without Greek, nor for an optional examination in science, nor for any part of the work which a class has done. A student who has failed to pass the entrance examination at this or any other college will not be received by certificate, unless he has subsequently spent at least a year of study in the school which issues the certificate. For slight deficiencies, conditions may be imposed. Certificates must be signed by the principal of the school, and, if possible, sent before Commencement to the Secretary of the Faculty.

ADMISSION TO THE PARTIAL COURSE.

Subject to certain conditions, students may pursue a partial course in this college. Each applicant for admission to this course is required to state in writing what preparation he has made, whether he has been rejected at any previous entrance examination, and what studies he wishes to pursue. He must also present a certificate of good character from the school which he has last attended, unless he comes from another college, in which case he must bring a letter of honorable dismissal. Candidates for this course must have studied some foreign language, ancient or modern, for three years, and, unless admitted by certificate, they will be examined in these subjects, and also in the Geography, History, English, and Mathematics required for admission to the Freshman class; but in place of Ancient History, Montgomery's English History or Montgomery's American History, or equivalents, will be accepted.

Partial-course students must choose courses which will give them at least twelve hours of class-room work a week (or eleven hours if Freshman courses only are chosen). A student who has offered a modern language for admission cannot pursue the same subject in the elementary course in college. He may take the advanced course if he satisfy his instructor of his ability to do so.

Partial-course students who come directly from a preparatory school must take at least seven hours a week with the Freshman class, unless they can anticipate by examination a full year's work in one or more of the Freshman studies, in which case they may take a corresponding number of hours with an advanced class; but, on entering, partial-course students are allowed to take no more than three hours a week of Junior studies and none of the Senior studies unless they can anticipate by examination all the work preparatory to these studies. They must continue each study chosen through the college year, or till the termination of that study.

Partial-course students may be dismissed at any time if the Faculty are convinced that they are not qualified to do their current work or are not making a good use of their opportunities.

PRELIMINARY EXAMINATIONS.

Preliminary examinations in a part of the requirements for admission will be given to candidates desiring them one year in advance, provided they bring from the principals of their schools certificates specifying the subjects in which their teachers consider them prepared. The examination will cover the whole of each subject offered by the candidate. For example, Cicero, Xenophon, or Algebra cannot be divided between the preliminary and the final examinations.

In order to prevent an interruption to studies which are to be continued in the college course, candidates are requested to reserve the following subjects for the final examinations: Cicero or Vergil, Latin Prose Composition, Homer, Greek Prose Composition, Geometry, and English.

No credit will be given for the preliminary examination, unless the applicant pass in a substantial part of the subjects offered, and the preliminary certificate will be valid for one year only, unless the examination has been passed in a specially creditable manner.

The examinations for admission, in 1896, will be held in Room No. 4 Hopkins Hall on the Monday and Tuesday preceding Commencement, and the Tuesday and Wednesday preceding the opening of the college year in September, as follows :

FIRST DAY.

11 A.M.—Registration.

Modern and Ancient Geography.

Greek and Roman History.

English and American History.

2 P.M.—French, German, Greek.

SECOND DAY.

9 A.M.—Latin.

2 P.M.—English.

3½ P.M.—Mathematics.

COURSES OF INSTRUCTION

The number of courses of instruction that are required of each class is stated in connection with the exhibit of studies on page 44. Each student in full course is required to take studies amounting to sixteen hours a week. All of the studies of Freshman year and of the first term of Sophomore year are prescribed. For the second and third terms of Sophomore year those who take the course with Greek may elect Greek, Latin, or Mathematics; those who take the course without Greek elect Mathematics or Latin. In Junior and Senior years six hours of work are prescribed, and ten are to be chosen from the elective courses, but Juniors must include in their electives either French or German.

DEPARTMENT OF LANGUAGE AND LITERATURE

GREEK

Professors FERNALD and HEWITT and Dr. FITE.

1. *Herodotus*.—Portions of his histories as found in Fernald's Selections. While the principal object of this course is to acquire familiarity with the style and matter of Herodotus, the work is interspersed with oral and written exercises in review of the grammatical forms and with reading at sight.

Freshman required course. Four hours a week during the first term.

Professor FERNALD.

2. *Homer*.—Books I., VI., and VII. of the Odyssey will be read and some of the principal Homeric questions will be discussed in lectures. The students are encouraged to read beyond the limits prescribed for the class. For such work, if carefully done without neglect of the regular duties, special credit will be given.

Freshman required course. Three hours a week during the second term.

Professor FERNALD.

3a. *Lysias*.—Morgan's edition (Boston, 1895) will be used. Special attention will be given to the political and social allusions which abound in the orations of Lysias. There will also be lectures, illustrated with photographs and other material, upon Greek Architecture and Antiquities.

Freshman required course. Three hours a week during the third term.

Professor FERNALD.

3b. *Greek Prose Composition*.—Freshman required course. One hour a week during the third term.

Dr. FITE.

4. *Plato and Æschylus*.—The Apology and Crito of Plato and the Prometheus of Æschylus. Courses of lectures will be given on Greek philosophy from Thales to Plato and on the Greek Theatre.

Sophomore required course. Four hours a week during the first term.

Professor HEWITT.

5. *Æschylus, Sophocles, and Aristophanes*.—In the second term the Agamemnon and Antigone will be read chiefly from the literary point of view, and special attention will be given to points of similarity and dissimilarity between the ancient and modern drama. A portion of the time will be given to lectures on the Greek Drama. In the third term two exercises a week will be devoted to the reading of Aristophanes. In place of the third exercise, each member of the class will be required to do original work in Greek Syntax or editorial work upon a portion of one of the Greek plays.

Sophomore elective course. Three hours a week during the second and third terms.

Professor HEWITT.

6a. *Plato and Pausanias*.—Books I., II. of the Republic will be read, and selections from Pausanias, which will serve as a basis for archæological and typographical study—particularly of Athens and Olympia.

Elective course for Seniors and Juniors. Three times a week during the first term.

Professor HEWITT.

6b. *Attic Orators*.—Jebb's Selections from the Attic Orators will be used. The aim will be to read characteristic selections to illustrate the style of the principal orators from Antiphon to Isæus.

Senior and Junior required course. Three hours a week during the second term.

Professor FERNALD.

6c. *Greek Lyric Poetry*.—Lectures will be given in connection with the reading of selections from the edition of Buchholz.

Senior and Junior elective course. Three times a week during the third term.

Professor HEWITT.

LATIN

Professor HEWITT, Professor WILD, and Dr. FITE.

1. *Livy*.—Book XXI. Reading at sight in Book XXII. Special attention will be given to the history of Rome during the Punic wars.

Freshman required course. Three hours a week during the first term.

Dr. FITE.

2a. *Horace*.—Odes. Lectures on the Archæology and Topography of Rome.

Freshman required course. Three hours a week during the second term.

Professor HEWITT.

2b. *Latin Prose Composition*.—Exercises.

Freshman required course. One hour a week during the second term.

Dr. FITE.

3. *Tacitus*.—*Agricola* and *Germania*, with rapid and sight reading of portions of the *Annals*.

Freshman required course. Four hours a week during the third term.

Professor WILD.

4. *Plautus*.—*The Menæchmi* and *Miles Gloriosus*.

Sophomore required course. Three hours a week during the first term.

Professor WILD.

5. *Pliny's Letters*.—Second term. Selections from *Martial* at sight.

Cicero De Oratore.—Third term. History of Roman Oratory. Special work in the historical investigation of Cicero's oration.

Sophomore elective course. Three hours a week during the second and third terms.

Professor WILD.

6a. *Catullus*.—First term. *Cicero pro Milone* at sight. The Juniors will do special work in the Etymology of the Latin Particles, and the Seniors in the historical criticism of portions of *Suetonius*.

Vergil.—Second term. Books VII–XII.

One exercise (two hours) a week in Latin Epigraphy.

Senior and Junior elective course. Three exercises a week during the first and second terms.

Professor WILD.

6b. *Tibullus* and *Propertius*.—Selections will be read with special reference to literary qualities.

Elective course for Seniors and Juniors. Three exercises a week during the third term.

Professor HEWITT.

7. *Cicero De Senectute* and *De Amicitia*.

Sophomore course for those who take the course without Greek. Four hours a week during the first term.

Professor WILD.

ENGLISH

Professor SPRING, Dr. MATHER, and Mr. EDSON.

1. *Rhetoric*.—Genung's Outlines of Rhetoric will be used as a text-book, but the hour will be mainly devoted to the writing of extempore themes in description and narration, essay outlines, and expository paragraphs.

Freshman required course. One hour a week during the second and third terms. Mr. EDSON.

2. *Historical English*.—A study in outline of the development of the English language and literature in the Anglo-Saxon and middle English period.

Text-books :

First half year.—Bright's Anglo-Saxon Reader and Harrison and Sharp's edition of Beowulf.

Second half year.—Middle English. Sweet's First Middle English Primer and Skeat's Student's Chaucer. Lectures and Essays.

Junior elective course. Three hours a week during the year.

Dr. MATHER.

3. *Literature of the Age of Elizabeth*.—Selections from Marlowe, Shakspeare, Bacon, Milton, and Sir Thomas Browne will be discussed in the class-room. A course of outside reading will be assigned from Lyly, Ben Jonson, Beaumont and Fletcher, Webster, and others.

Senior elective course. Three hours a week during the year.

Professor SPRING.

4. *From Spenser to Tennyson*.—Lectures on the progress and interpretation of English literature during this period.

Senior required course. Two hours a week during the second term and three hours during the third term. Professor SPRING.

5. *Essays and Orations*.—Freshmen are required to submit for criticism one essay ; Sophomores, two orations and one essay ; Juniors, two essays and one oration ; and Seniors, two essays.

Professor SPRING, Dr. MATHER, and Mr. EDSON.

6. *Elocution*.—The work of the Freshman year consists of individual drill in declamation, both in private and before small divisions of the class. Six rehearsals are required from each student.

The required work in the Sophomore year consists of training in the delivery of orations during the first and second terms. Upon this work is based the selection of speakers for the prize contest in oratory.

In the Junior and Senior years the delivery of orations is optional, except for those who wish to compete for prizes or to be considered eligible for appointment as speakers upon the Commencement stage.

Opportunity for systematic work in voice development and gesture is afforded to members of all classes through concerted exercises given four times a week during the second term. In connection with these exercises, individual instruction is given to students desiring special work, either in voice-building or in expression, as a preparation for public speaking.

Mr. EDSON.

FRENCH

Assistant Professor MORTON.

1. *Elementary French*.—Grandgent's Short French Grammar and Exercises. Composition. Reading of modern French. Saintsbury's Primer of French Literature.

Freshman required course. Three hours a week during the year.

2. *Second Year French*.—Study of Syntax (Edgren). Composition. Duval's *Histoire de la Littérature Française* from beginning to the eighteenth century. In connection with this, selections from the early literature are read to the class. The chief part of this course is devoted to the study of the literature of the seventeenth century. The use of the French language in the class-room is begun and gradually increased.

Junior elective course. Four hours a week during the year.

3. *Third Year French*.—Duval's *Histoire de la Littérature Française*, eighteenth and nineteenth centuries. A few works of the eighteenth century are read, but the chief part of the course is devoted to the study of the literature of the nineteenth century, with incidental lectures in French. There is constant practice in writing French, and as far as possible it is made the language of the class-room. Outside reading is assigned.

Senior elective course. Three hours a week during the year.

GERMAN

Professors WAHL and GOODRICH.

1. *Elementary German*.—Grammar. Composition. Reading of modern prose and lyrics. Memorizing of short poems. Reading at sight.

Sophomore required course. Three hours a week during the year.

Professor WAHL.

2. *Intermediate German*.—Goethe's *Die neue Melusine*; Zschokke's *Der tote Gast*; H. von Kleist's *Die Verlobung in St. Domingo*; Freytag's *Doktor Luther*; Lessing's *Minna von Barnhelm*; Schiller's *Wilhelm Tell*; Goethe's *Hermann und Dorothea*. Lyon's *Schillers Leben und Werke*. Grammar and Composition. Incidental lectures.

Junior elective course. Four hours a week during the year.

Professor GOODRICH.

3. *Course in Classic Literature*.—Goethe's Faust (Part I. complete and selections from Part II.) and other contemporaneous works of the classic period. History of German literature. Practice in writing German. Oral discussions of the texts read. Incidental lectures.

Senior elective course. Three hours a week during the year.

Professor WAHL.

4. *Course in Rapid Reading*.—The main object of this course is to render the student proficient in reading modern German prose.

(a) Senior elective course. Four hours a week during the first term.

Professor GOODRICH.

(b) Senior elective course. Four hours a week during the second and third terms.

Professor WAHL.

ITALIAN

Dr. MATHER.

Grandgent's Italian Grammar; one or more Comedies of Goldoni; selections from modern Italian prose; reading in the Divina Commedia; lectures on Italian literature of the thirteenth and fourteenth centuries.

Senior and Junior elective course. Three hours a week.

DEPARTMENT OF BIBLICAL STUDY

Mr. BURR.

1. *Christian Evidences*.—Fisher's Manual.

Freshman required course. One hour a week during the first term.

2. *Introduction to the New Testament*.—One of the Gospels is selected as the basis of the study, the Greek text used being Dr. Riddle's revision of Robinson's Harmony of the Gospels in Greek, and the Cambridge Greek Testament. The critical work includes an examination of the text, with its variation in manuscripts, versions, and patristic quotations. Each section of the Gospel is studied in its relation to other accounts, and with reference to its chronological order. The more practical investigation of the subject is conducted on the line indicated in Dr. Harper's Inductive Bible Studies.

Senior elective course. Four hours a week during the second and third terms.

DEPARTMENT OF PHILOSOPHY

President CARTER, Professor RUSSELL, and Dr. FITE.

1. *Natural Theology*.—Flint's Theism. Senior required course. Three hours a week during the first term.

President CARTER.

2. *Logic*.—The aim of this course is practical rather than theoretical, and the instruction is given mainly in connection with such exercises as are adapted to afford the student a comprehension of logical principles, and to enable him to apply them to the various forms of reasoning and investigation.

Junior required course. Three hours a week in the second term.

Professor RUSSELL.

3. *Psychology*.—This study is designed to be a preparation for advanced courses in Psychology and Philosophy. Mind is studied in its connection with the nervous system and its functions, and nothing more is attempted than to gain a general view of mental phenomena and mental development.

Junior required course. Three hours a week in the first term.

Professor RUSSELL.

4. *Elementary Course in Ethics*.—Junior required course. Three hours a week in the third term.

Professor RUSSELL.

5. *Introduction to Philosophy*.—Three sub-courses are included under this general subject. The first of these courses will be devoted to the chief questions relating to the *nature, sources, and limits* of human knowledge.

The second course will have for its subject Ethics. Special prominence will be given to the theory of Evolution and its possible bearings upon moral distinctions. The study will also include a critical examination of Ethical theories.

In the third sub-course the subject will be the sources and grounds of religious faith, and a prominent aim of the course will be to determine the true relation of philosophy to Christian faith.

Senior required course. Three hours a week during the first term, and two hours a week during the second term.

Professor RUSSELL.

*6. *Advanced Course in Theoretical Psychology*.—For the present year the subjects studied in this course will be: The Psychology of Self-Consciousness, the Perception of Space, the Perception of Things, Illusions and Hallucinations, Hypnotism, Telepathy, and allied Phenomena.

Senior elective course. Three hours a week during the first term.

Professor RUSSELL.

7. *Experimental Psychology*.—This course will consist of recitations and lectures illustrated with experiments. It will include a study of sensations as conditioned by the physiological structure and function of the end-organs; the development of space-perception as similarly conditioned; a study of experiments in reaction-times and results deduced from them. Wundt's Human and Animal Psychology will be the text-book.

Senior elective course. Four hours a week during the second and third terms.

Dr. FITE.

* Omitted the present year.

8. *General History of Philosophy*.—The aim of this course will be to enable the student to comprehend the historic development of Philosophy and its connection with civilization. The various systems of Philosophy will be studied in their origin and mutual relations, and, so far as practicable, in the writings of their chief representatives.

Senior elective course. Four hours a week during the second and third terms. Professor RUSSELL.

9. *Modern English Philosophy*.—A course in the history of English Philosophy from Locke to the present time.

Senior elective course. Four hours a week during the second and third terms. Dr. FITE.

DEPARTMENT OF HISTORY, POLITICAL AND SOCIAL SCIENCE

Professor BASCOM, Professors RICE and GOODRICH.

HISTORY

Professors RICE and GOODRICH.

1. *General History*.—This course is intended to serve as an introduction to the study of History. The outlines of European History and Geography are given by lectures; certain periods of English History are studied in a text-book, of which written summaries are made.

Sophomore required course. Three hours a week during the second and third terms. Professor RICE.

2. *American History*.—This is a continuation of course 1; the history of America is followed to the middle of the eighteenth century. Lectures are given on the directions and systems of colonization which followed the age of discovery, and on the political relations of Europe and America during the period studied.

Junior required course. Three hours a week during the first term.

Professor RICE.

* 3. *English History (Constitutional)*.—A study of the development of English institutions from the earliest times to the present day.

Senior and Junior elective course. Three exercises (six hours) a week during the first term. Professor RICE.

3a. *European History*.—Political and social history of Europe during the sixteenth century.

Senior and Junior elective course. Three exercises (six hours) a week during the first term. Professor RICE.

* Omitted the present year.

4. *American History (Political and Constitutional)*.—A study of certain periods in the history of the United States.

Senior and Junior elective course. Three exercises (six hours) a week, the second and third terms. Professor RICE.

5. *European History*.—This course will cover the period from 1789 to 1804.

Senior elective course. Four hours a week during the first term. Professor GOODRICH.

6. *European History*.—This is a continuation of course 5 and will cover the period from 1804 to 1870.

Senior elective course. Four hours a week during the second and third terms. Professor GOODRICH.

POLITICAL AND SOCIAL SCIENCE

Professor BASCOM.

1. *Political Science*.—The following sub-courses, which are included in this course, will be given the first five consecutively and the remainder alternately :

- (a) The Principles of Jurisprudence. Lectures.
- (b) The Constitution of the United States. Andrews's Manual.
- (c) The Historical Development of the Constitution to the present time. Lectures.
- (d) The English Constitution. Lectures.
- (e) English Constitutional History. Text-book and lectures.
- (f) Municipal Law, Civil Law, Canon Law, Common Law. Lectures.
- (g) International Law. Lectures.

Senior elective course. Three hours a week during the year.

2. *Political Economy*.—Political Economy is first studied as an abstract science, treating of certain specified relations. It is then taken in connection with Sociology, as modified by the circumstances under which its principles are applied. Text-book and Lectures.

Junior required course. Three hours a week during the second and third terms.

3. *Sociology*.—The aim of this course is to give Economics, Ethics, and Civics their true and immediate bearing on our social life. Text-book, Social Theory.

Senior required course. Two hours a week during the second term and three hours a week during the third term.

DEPARTMENT OF MATHEMATICS AND SCIENCE

MATHEMATICS AND ASTRONOMY

Professors DODD and SAFFORD and Mr. MILHAM.

1. *Algebra*.—Logarithms. Theory of Equations. Wells.

Freshman required course. Four hours a week during the first term.

Professor DODD.

2. *Geometry*.—Solid and spherical. Conic Sections.

Freshman required course. Five hours a week during the second term.

Professor DODD.

3a. *Trigonometry and its Applications*.—Mensuration. Surveying and Navigation.

Freshman required course. Four hours a week during the third term.

Professor DODD.

3b. *Field Work in Surveying*.—In connection with course 3, each student will receive instruction in the practical use of surveying instruments, including determination of heights, simple triangulation, and the measurement of areas and levelling.

Mr. MILHAM.

4. *Plane Analytic Geometry*.—The course includes the study of the subject as given in Wentworth's *Analytic Geometry*, omitting the supplementary propositions.

Sophomore required course. Three hours a week during the first term.

Mr. MILHAM.

5. *Elementary Differential and Integral Calculus*.—The Method of Limits will be employed, and Osborne's text-book with reference to other works and occasional lectures.

Sophomore elective course. Three hours a week during the second and third terms.

Professor SAFFORD.

6. *Elementary Astronomy*.—Spherical Trigonometry; the art of computation. Descriptive Astronomy. Lectures upon the history of astronomy, and upon its modern developments. Practical exercises with portable instruments, and with fixed instruments in the observatory.

Junior elective course. Three hours a week during the year.

Professor SAFFORD.

7. *Differential and Integral Calculus*.—Second course. Osborne's text-book, with references to other works. *Analytical Geometry of Three Dimensions*. Wentworth.

Junior elective course. Three times a week during the year.

Professor SAFFORD.

8. *Applications of the Calculus.*—Theory of Errors of Observation. Method of Least Squares. Mechanical Quadratures.

Senior elective course. Four hours a week during the first term.

Professor SAFFORD.

9. *Exercises in Practical Astronomy.*—The instruments employed, besides time-pieces, are the sextant, transit instrument, universal instrument, and equatorial. The object of the course is to give additional practical knowledge of the subject, and facility in handling instruments and formulæ.

Computation of comets' orbits.

Senior elective course. Three hours a week during the year.

Professor SAFFORD.

10. *Mathematics.*—At the option of the student, this course will consist either of a review of elementary subjects in preparation for teaching, or of the reading of Gauss's *Theoria Motus Corporum Cœlestium*. In the former case, lectures on the development of the science will be given, together with instruction in the theory of teaching it. Collateral reading will be required, to familiarize students with the literature of elementary mathematics not included in the ordinary text-books. Especial stress will be laid on the Modern Geometry.

Senior elective course. Four hours a week during the second and third terms.

Professor SAFFORD.

11. *Astronomy.*—A course of instruction in Practical Astronomy is offered to graduates or persons qualified to pursue it. It will include the following subjects: Theory and Use of Instruments; the Art of Computation; the Method of Least Squares; Reduction, Criticism, and Discussion of Observations; Computations of the Orbits of Comets and Planets, and, for those sufficiently advanced, Special and General Perturbations. Students who wish to pursue Geodesy instead of Astronomy proper can substitute triangulation and the Figure of the Earth for certain portions of Astronomy. Mathematical subjects not included in the college course will be taken up so far as is necessary. Every encouragement will be given to qualified persons to carry on independent research in these branches. Direction will also be given to the work of students who wish to prepare themselves to become teachers of Mathematics on the lines indicated by Professor Safford in his monograph "Mathematical Teaching and its Modern Methods."

Professor SAFFORD.

CHEMISTRY

Professor MEARS and Dr. BARTOW.

The work in Chemistry is divided into the following courses:

1. *General Chemistry.*—This course aims to teach the principles of the science in connection with the study of the non-metallic elements. It is

also preliminary to the elective courses. Instruction is given by lectures and recitations, supplemented by work in the laboratory, to which one third of the time is devoted. A fee of three dollars is required of each student to defray the cost of chemicals.

Sophomore required course. Four times a week during the third term.

2. *Chemistry*.—While instruction in the metallic elements and their compounds is given by lectures and examinations, this course is chiefly devoted to practical work in the laboratory. Two hundred analyses of the more important metallic and mineral substances are required of each student, with examinations on the processes involved. The third term is occupied with lectures and examinations on the compounds of carbon. A fee of fifteen dollars is charged.

Junior elective course. Three exercises (nine hours) a week during the year.

3. *Chemistry*.—In this course the work is devoted principally to quantitative analysis, preparation of chemical substances, and a study of chemical theories. The analytical work embraces the estimation and separation of the more important metals and acids, and the analysis of water, milk, etc., and, for those desiring it, work in medical chemistry. The lectures on theoretical chemistry discuss the history of the atomic and molecular weights, and modern theories of the science. A fee of twenty-five dollars is charged.

Elective course for students who have taken courses 1 and 2. Three exercises (nine hours) a week during the year. Dr. BARTOW.

The above courses are also open to graduates, and advantages are offered for advanced work in the science.

PHYSICS

Professor LEFAVOUR and Mr. MILHAM.

The courses of study in Physics are as follows :

1. *General Physics*.—The instruction includes lectures with experimental demonstrations, oral and written recitations, and practical exercises in the laboratory. A printed abstract of the lectures is used as a text-book. The first term is devoted to kinematics, dynamics, and sound, the second to heat and light, and the third to electricity. The purpose of the course is to state and explain the general principles of the science, and to find their application in the experiences and phenomena of daily life. A knowledge of elementary mathematics including plane trigonometry is essential.

Sophomore required course. Three hours a week during the year.

Professor LEFAVOUR.

2. *Practical Physics*.—The course consists of a series of physical measurements in the laboratory, together with reading on the methods and principles involved, as well as the scientific literature relating to each problem. The exercises include a study of general physical processes such as measurements of length, area, volume, and mass, and determinations of the constants of elasticity, capillarity, tenacity, and gravity, and these are followed by measurements in sound, heat, light, electricity, and chemical physics, each student selecting those problems in which he is most interested. The manuals of Nichols, Stewart and Gee, and Glazebrook and Shaw are those which are principally used. In addition to giving to the student a familiarity with the principles and methods of physical measurements, particular attention is paid to the training of the senses in accuracy in observation and manipulation. A fee of twelve dollars is required.

Elective course for Juniors and Seniors. Three times (six hours) a week during the year.

Professor LEFAVOUR and Mr. MILHAM.

3. *Advanced Physics*.—A course in Advanced Physics is offered to those who have satisfactorily completed course 2. The work in this course will consist either in the investigation of certain physical problems or in carrying on advanced studies in practical electricity including the elements of electrical engineering. A fee of fifteen dollars is charged for this course.

Senior elective course. Four exercises a week during the second and third terms.

Professor LEFAVOUR.

4. *Mathematical Physics*.—This course is open only to those who have studied the differential and integral calculus. It will consist in a study of analytical mechanics and the application of mathematics to the solution of physical problems.

Senior elective course. Four hours a week during the second and third terms.

Professor LEFAVOUR.

Drawing.—During the current year instruction will be given in mechanical and freehand drawing and in descriptive geometry to aid those who are to enter a technical school after graduating from college. By properly choosing their college electives, graduates will thus be able to enter the third year of any technical school. The work in this course cannot be counted as a part of the required or elective work of the college, and the expenses attending the instruction are to be met by those taking the course.

BIOLOGY

Professor CLARKE, Assistant Professor PECK, and Mr. HUNTER.

1. *General Biology*.—This is an introduction to the study of Living Matter and of its relations to inorganic matter, or matter in the non-living state.

A somewhat detailed study of a number of typical animals and plants is made the basis for brief discussions of the leading principles of general biology, *e. g.*, the nature of Protoplasm, cell life, the relations of Animals and Plants ; some of the main points in Embryology, Heredity, and Evolution, the structure and functions of Bacteria and their relations to human life. There will also be given a brief review of the History of Biology, showing how this science has come to its present condition, and what its great problems are.

Sophomore required course. Four hours a week during the second term.

Professor CLARKE.

2. *Comparative Anatomy of Vertebrates and Histology*.—A laboratory study accompanied by lectures. In the laboratory are studied type-forms from groups represented by the Skate, Cod, Frog and Tadpole, the Alligator, Pigeon, and Rabbit. The lectures accompanying this work are designed to explain the principles of the zoölogy, classification, and distribution of the groups studied in the laboratory, besides making the course a systematic study in Vertebrate Morphology. Especial attention is also given to the osteology, and to the development of the forms studied, and to illustrations of homologies which may be drawn from such a study of these and other kindred groups.

In the course in Histology the structure of the various tissues of the vertebrates, especially the mammal, is demonstrated, partly by means of prepared material furnished the student, and partly by illustrated lectures.

Junior elective course. Six hours a week during the year.

Assistant Professor PECK and Mr. HUNTER.

3. *Animal Morphology*.—There is here pursued a laboratory study in the anatomy and development of invertebrates ; covering type-forms from the following : Protozoa, Porifera, Coelenterata, Vermes, Annelida, Echinodermata, Mollusca, Crustacea, and Insecta.

The lectures which accompany this study will deal with the important features in the zoölogy of the groups represented and some of the more evident problems of biological studies suggested by each.

During the third term a laboratory course in the Embryology of the Chick is offered, during which some of the facts of comparative embryology are brought out, together with the phenomena of fertilization, karyokinesis, and segmentation.

To promote a better acquaintance with the history of Biological Science, a reading club has been organized, at which selections from standard works will be read and discussed. Field work is also encouraged and directed.

Senior elective course. Six hours a week during the year.

Assistant Professor PECK and Mr. HUNTER.

HYGIENE, ANATOMY, AND PHYSIOLOGY

Professor WOODBRIDGE.

1. *Hygiene*.—A series of lectures on subjects pertaining to health and habits of study. Each member of the class is subjected to an examination of heart, lungs, and eyes for the purpose of giving him any personal suggestions that may seem advisable.

Hutchinson's Physiology and Hygiene and Rohe's Text-Book of Hygiene are recommended for reference.

Freshman required course. One hour a week during the first term.

2. *Anatomy and Physiology*.—Anatomy is studied only so far as it may be necessary to an intelligent discussion of Physiology. An effort is made to exhibit not only the results but also the methods of physiological research. Lectures supplemented by a printed syllabus. Kirke's Physiology, Landois and Sterling's Manual of Human Physiology, Foster's Physiology, Ladd's Physiological Psychology, and Raymond's Manual of Human Physiology are suggested as text-books.

(a) *Nervous System*.—In this course special attention is given to the nervous system with reference to its relations to psychological processes and problems.

Junior required course. Three hours a week during the first half of the second term.

(b) *General Anatomy and Physiology*.—Senior elective course. Four hours a week during the first term.

During the summer term, at the request of successive Senior classes, a short course of lectures has been given on practical questions relating to the hygiene of the home.

GEOLOGY

Mr. DALE.

This course consists of lectures and recitations on Geology and Mineralogy, several geological excursions, and the preparation of papers on assigned subjects. Archibald Geikie's Class-Book of Geology (edition of 1892) will be used as an introduction.

In this course the various departments of Geology will be subordinated to geological history.

The mode of instruction is designed to combine the advantages of both the recitation and the lecture system, and to supplement these with a free use of specimens and with field work, for which the region offers rare facilities.

Senior elective course. Four hours a week during the second and third terms.

EXHIBIT OF STUDIES

The unenclosed figures refer to the Courses of Instruction as arranged according to Departments in the preceding pages, and the figures in parentheses indicate the number of exercises a week for each course.

FRESHMAN YEAR

REQUIRED COURSES

<i>First Term</i>	<i>Second Term</i>	<i>Third Term</i>
Biblical Study 1, (1)	English 1, (1)	English 1, (1)
English 6,	English 6,	English 5,
French 1, (3)	French 1, (3)	French 1, (3)
Greek 1, (4)	Greek 2, (3)	Greek 3a, (3)
Latin 1, (3)	Latin 2a, (3)	Greek 3b, (1)
Mathematics 1, (4)	Latin 2b, (1)	Latin 3, (4)
Physical Training, (4)	Mathematics 2, (5)	Mathematics 3a, (4)
Physiology 1, (1)	Physical Training, (2)	Mathematics 3b.

Freshmen who have entered with advanced German in place of Greek will take German 3 and extra private reading under the direction of the instructor of that course in place of Freshman Greek ; those who have entered with advanced French, will take German 1 and French 3 with extra private reading in French in place of Freshman Greek and French 1 ; those who have entered with advanced Mathematics and German will substitute German 2 and Mathematics 4 and 5, with extra work in Mathematics, for Freshman Greek and Mathematics ; those who have entered with advanced Mathematics and French will substitute German 1, French 2, and Mathematics 4 and 5 for the French, Greek, and Mathematics of Freshman Year.

SOPHOMORE YEAR

REQUIRED COURSES

<i>First Term</i>	<i>Second Term</i>	<i>Third Term</i>
English 5,	Biology 1, (4)	Chemistry 1, (4)
English 6,	English 5,	English 5,
German 1, (3)	English 6,	German 1, (3)
Greek 4, or } (4)	German 1, (3)	History 1, (3)
Latin 7, }	History 1, (3)	Physics 1, (3)
Latin 4, (3)	Physics 1, (3)	
Mathematics 4, (3)		
Physics 1, (3)		

ELECTIVE COURSES

Each Sophomore is required to take one elective course.

Second and Third Terms

Greek 5, (3) Latin 5, (3) Mathematics 5, (3)

Sophomores in the course without Greek will take Latin 7 in place of Greek 4 ; those who entered with advanced German will take French 2 in place of German 1 ; those who entered with advanced French will take German 2 in place of German 1 ; while those who entered with advanced Mathematics and German or French will take two advanced courses in Modern Languages in place of Mathematics 4, 5, and German 1.

JUNIOR AND SENIOR YEARS

JUNIOR REQUIRED COURSES

<i>First Term</i>	<i>Second Term</i>	<i>Third Term</i>
English 5, History 2, (3) Philosophy 2, (3)	English 5 Philosophy 3, } (3) Physiology 2a, } Political Science 2, (3)	English 5, Philosophy 4, (3) Political Science 2, (3)

SENIOR REQUIRED COURSES

<i>First Term</i>	<i>Second Term</i>	<i>Third Term</i>
English 5, Philosophy 1, (3) Philosophy 5, (3)	English 4, (2) English 5, Philosophy 5, (2) Political Science 3, (2)	English 4, (3) Political Science 3, (3)

ELECTIVE COURSES

Each Senior is required to choose one four-hour course in group (a) for the first term, one four-hour course in group (b) for the second and third terms, and two-year courses, one or both of which may be in either group (c) or group (d), provided that the hours do not conflict. Each Junior is required to choose three year-courses in group (d), the hours of which do not conflict, one of which must be either French or German.

(a)

SENIOR FOUR-HOUR COURSES.—FIRST TERM

German 4a, History 5,	Mathematics 8, Physiology 2b.
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(b)

SENIOR FOUR-HOUR COURSES.—SECOND AND THIRD TERMS

Biblical Study 2,	History 6,	Philosophy 8,
Geology,	Mathematics 10,	Philosophy 9,
German 4b,	Philosophy 7,	Physics 3,
		Physics 4.

(c)

YEAR-COURSES FOR SENIORS

Biology 3,	French 3,	Philosophy 6,
Chemistry 3,	German 3,	Political Science 1.
English 3,	Mathematics 9,	

(d)

YEAR-COURSES FOR SENIORS AND JUNIORS

Biology 2,	German 2,	Latin 6a, 6b,
Chemistry 2,	Greek 6a, 6b, 6c,	Mathematics 6,
English 2,	History 3, 4,	Mathematics 7,
French 2,	Italian,	Physics 2.

GENERAL INFORMATION

LIBRARY

The College Library contains thirty-seven thousand seven hundred and fifty volumes, exclusive of duplicates, and over fifteen thousand pamphlets. The card catalogue now covers this entire collection, bound and unbound. For the maintenance and enlargement of the Library about four thousand dollars are expended annually. The Lawrence, Jonathan Phillips, Adriance, Jones, and other permanent funds, represent a capital sum of forty-three thousand dollars, the income from which is increased by gifts, and by special appropriations of the Trustees.

Students have direct access to all books. They may draw three volumes at a time, to be retained, if desired, for two weeks, with the privilege of one renewal. Abundant facilities are afforded for reading, study, and writing during library hours.

The library is open every week day during the entire year. In term time from 10 A.M. to 1 P.M., from 2 P.M. to 6 P.M., and the east wing from 7.30 P.M. to 9.30 P.M. In the summer term the opening hour is 9 A.M. On Sundays during the College year the library is open, for reading and reference only, from 2 P.M. to 5.25 P.M. In vacation the hours are week days from 10 A.M. to 12 M.

A special effort is made to promote the seminary method. For this purpose reference books bearing on the term's work are placed in a special department of the east wing. Branch libraries are established in the Thompson Laboratories, bringing the books bearing on Chemistry, Biology, and Physics within the immediate reach of students in those departments. With the same method in view, books are placed in rooms in the library or other college buildings used for special study in Language, History, or Philosophy.

The libraries of the Philotechnian and Philologian Societies, containing nine thousand volumes, are open to their members Wednesdays and Saturdays.

A comfortable reading-room, well supplied with daily, weekly, and other current literature, is maintained under the auspices of the Mills Young Men's Christian Association.

LABORATORIES

The Departments of Biology, Chemistry, and Physics are located in the three buildings presented to the college by F. F. Thompson, Esq., of New York City. The Biological Laboratory contains a laboratory for each class of work, a lecture room, library, collection room, and aquarium room. The laboratory is well equipped with microscopes, microtomes, collections, and all the appliances for general and advanced work.

The Chemical Laboratory contains three large laboratories, lecture and recitation rooms, private laboratories and a reference library, all of which are supplied with the best modern appliances.

The Physical Laboratory contains, in addition to a well appointed lecture room, a recitation room, separate laboratories for the work of the different classes, a department library, and rooms especially arranged for advanced work in electricity, magnetism, light, and chemical physics. Power is furnished by a Westinghouse engine of fifteen horse-power, and the electrical equipment includes a five-kilowatt dynamo, types of small dynamos and motors, Weston measuring instruments, and galvanometers.

OBSERVATORIES

The astronomical department of the college possesses two observatories for illustration and scientific investigation. The older was built by Professor Albert Hopkins in 1838, and contains an equatorial by Phelps of Troy, with an object glass by Alvan Clark, Senior, which has an aperture of $7\frac{1}{2}$ inches. This instrument was constructed about 1852 and is interesting as an early example of Clark's optical work. It is employed for

gazing purposes and the observation of occasional phenomena. The other rooms of the Hopkins Observatory contain a transit instrument by Troughton and Simms, with an aperture of $3\frac{1}{2}$ inches ; this is now but little used, as it is replaced by a more modern apparatus.

In another part of the town a piece of ground, comprising five acres and a half, was purchased in 1881, for astronomical purposes. At present this enclosure contains the Field Observatory, an iron meridian house, built at the expense of the Hon. David Dudley Field, together with a hut for the accommodation of portable instruments. The main instrument of this observatory is a fine meridian circle by the Repsolds of Hamburg, with a telescope of $4\frac{8}{10}$ inches aperture and a circle divided to 2' of arc, reading by four microscopes to single seconds directly. The meridian circle is provided with the necessary clock, chronograph, and collimators. In addition, the department of astronomy is provided with a large number of portable instruments, among which are two telescopes for gazing purposes, and a portable transit with zenith telescope attachment, as well as two theodolites, one of them a Wanschaff universal with seven-inch limb and microscope reading to 5'' directly. There are also several instruments of reflection, including sextants of the best kind, a prismatic circle, and several sailors' octants, with chronometers and artificial horizons and other small pieces of apparatus. A complete set of meteorological apparatus has been kept up in regular use since about 1811.

CLASSICAL SOCIETY

The Classical Society, formed of instructors and students in the elective Latin and Greek courses, has for its object the encouragement of original research. It holds its regular meetings in the Library, on the second Tuesday evening of each month, for the reading and discussion of original papers and for reports in the fields of Greek and Latin Philology and Archæology.

LYCEUM OF NATURAL HISTORY

An important adjunct to biological study is the Lyceum of Natural History, a student organization, established in 1835.

This organization not only acquaints the student with the more important problems and discoveries in recent biological work, but it also affords opportunities for special research and discovery, since, through the liberality of the late Dr. William J. Walker, provision is made for a scientific expedition once in every four years.

For the use of this organization, the late Nathan Jackson erected the Hall which bears his name, and which contains many natural and artificial objects sent to the college by its missionary graduates, together with the collections gathered by the Scientific Expeditions.

ART COLLECTION

A valuable collection of paintings, bas-reliefs, Etruscan vases, and Peruvian pottery, the gift of Mrs. John W. Field of Philadelphia, is on exhibition in the new Library extension.

Through the liberality of Mrs. S. D. Warren, of Boston, and others, the college has a good collection of illustrative material including a lantern and slides, for the main branches of art study. This is constantly increased by the contributions of the Williams Art Association, an organization of the students, under the direction of Professor Rice, which provides weekly exhibitions and lectures. Two recent graduates have generously fitted up one of the large lecture-rooms in the Hopkins Memorial Building for displaying and storing such material. This gift makes possible the exhibition of loan collections of paintings and engravings which have proved an attractive and valuable feature in the work of the Art Association.

MUSEUM

The collections as recently combined and rearranged in Clark Hall include the following collections :

Mineralogical, Petrographical, Paleontological, Geological (structural), Geological (local), Conchological (synoptic), Botanical.

Distributed among these is the Wilder Cabinet, which, together with the Museum building, was given by the late Edward Clark, of the class of 1831, also the geological collection of the late Prof. Ebenezer Emmons, and the herbaria presented to the college by several persons.

These collections include everything needed for college work in Geology, Mineralogy, and Botany.

GYMNASIUM

The Lasell gymnasium, erected and equipped at a cost of \$50,000, chiefly by the munificence of the widow of the late Hon. Josiah Lasell of the class of 1844, and of his son, Josiah Manning Lasell, of the class of 1886, furnishes abundant facilities for physical development. The apparatus is the outcome of the study and invention of the best teachers of gymnastics, and is used under the immediate supervision of an instructor. An inclined running track 229 feet in length, bowling alleys, tub, shower, and sponge baths, and a base-ball court are important features of the building. There are several class drills daily in the main hall at hours suiting the convenience of the students. A careful examination and measurement of each student is made by the director, not only soon after entering college, but also at occasional intervals later in the course, in order that the exercise may be adapted to individual peculiarities and a symmetrical development secured. Gymnastic exercise is required of the Freshman class during the first and second terms.

The smaller athletic fields near the college buildings afford practice in tennis, lacrosse, and similar sports, while the large "Weston Field," the gift of Hon. Byron Weston of Dalton, affords ample opportunity for base-ball, foot-ball, and other outdoor exercises. A cinder track has been laid on the same field for the various exercises of the Athletic Association.

COLLEGE INFIRMARY

Through the kindness of friends of the college a house has been provided where students who are sick can receive proper

attention. Friends of the students who wish to assist in their care can be accommodated at the Infirmary, and in severe cases trained nurses may be secured at the expense of the patient. There is no extra charge for care of the sick, but each student received into the Infirmary pays for his own board and that of his nurse.

THOMPSON COURSE OF ENTERTAINMENTS

This course, which was established by the liberality of F. F. Thompson, Esq., of New York City, included, during the past year, concerts given by the "Boston Artists' Club," the "Kneisel String Quartet," the "Boston Philharmonic Club," the "New York Philharmonic Club," and the "Temple Quartet."

ORDER AND DISCIPLINE

It is the aim of the college to develop in the individual student the sense of personal responsibility for good order and a high standard of scholarship, and to secure in the largest measure his co-operation with the Faculty in the development of his own character.

ATTENDANCE ON COLLEGE EXERCISES

Attendance is required upon at least nine-tenths of all college exercises, and if a student fail for any cause to meet this requirement of attendance upon secular exercises, work additional to that done by the class will be assigned in each department of study in which the failure has occurred. This assignment of extra work will be in the hands of a committee of the Faculty who, in consultation with the instructor, will adjust the amount to be done. This assignment will be made at the end of the term.

The regulation of all absences will be in the hands of the Dean, and any excess of absence may be limited at his discretion.

EXAMINATIONS

At the close of the first term the students are examined upon the work of that term, and at the end of the year upon

the work of the second and third terms. These examinations cannot be taken previous to the times appointed by the Faculty. Students who by reason of illness are excused from these examinations and students who fail to pass them are examined at such times as the Faculty may appoint. The final examination of the Senior class occurs during the week beginning on the third Monday before Commencement day.

DEGREES

Bachelor of Arts.—The degree of Bachelor of Arts is conferred by vote of the Trustees at the Annual Commencement upon students who have completed a full four years' course to the satisfaction of the Faculty, have paid their dues to the Treasurer, and have returned all books belonging to the Library ; but the degree may be forfeited by misconduct at any time previous to the close of the Commencement exercises.

Master of Arts.—The degree of Master of Arts will be conferred upon graduates of this college, or of any college where the requirements for the Bachelor's degree are equivalent, who have spent one year in residence at this college, pursuing approved courses of study in at least two departments of instruction or in two branches of one department, the total amount being equal to the work of one college year, and who have passed satisfactory examinations on both subjects and prepared a satisfactory thesis related to some course of study pursued.

The degree will be conferred upon graduates of this college not earlier than two years after their graduation who have spent one year in residence at any educational or scientific institution engaged in non-professional study, and who, having been registered at this college as candidates for the degree not less than a year, have fulfilled the conditions regarding courses of study, examination, and thesis specified in the preceding paragraph.

The degree will be conferred upon graduates of this college not earlier than three years after their graduation who, not having been in residence but having been registered at this

college as candidates for the degree not less than two years, have fulfilled the conditions with regard to courses of study, examination, and thesis specified in the first paragraph.

Each candidate must give notice of registration and submit his courses of study to the Secretary of the Faculty not later than the fifteenth of October of the year for which he desires registration. The courses of study must receive the approval of the Committee on Graduate Students and of the professors in charge of the departments in which the subjects are included. The thesis must be submitted not later than the fifteenth of May of the year in which the candidate is to be examined, and must likewise receive the approval of the Committee on Graduate Students as well as of the professor to whose department of instruction the subject matter is related.

The fee for resident students will be \$105, and will include charges for instruction, examination, and diploma. An additional charge may be made for the use of laboratory apparatus. The fee for the examination and diploma of non-resident students will be \$25.

RECORDS AND REPORTS

A report of scholarship and conduct is made to every student's parent or guardian at the close of each half year, and at such other times as the Faculty may deem expedient. A permanent record is also kept of each student's scholarship, and by this record his final rank is determined.

PUBLIC WORSHIP

Prayers are held every week-day morning and Sunday evening, at which all students are required to be present.

Religious services are held on Sunday in the college chapel, and the attendance of all students is required. Members of other churches may be excused at the request of their parents or guardians to attend the services of their own denominations. The following were the preachers at the college for the year 1894-95 :

Rev. Dr. C. C. Hall of Brooklyn ; Rev. Dr. Riggs of the Auburn Theological Seminary ; Rev. Drs. Moore, Harris, and Ryder of the Andover Theological Seminary ; Rev. Dr. Hoyt of the Auburn Seminary ; Rev. Dr. Pattison of the Rochester Seminary ; Rev. Dr. Jacobus of the Hartford Seminary ; Rev. T. P. Sawin of Troy, N. Y. ; Rev. George L. Richardson of Bennington, Vt. ; Rev. Dr. McKenzie and Rev. D. N. Beach of Cambridge ; Rev. E. G. Selden of Albany, N. Y. ; Rev. Dr. Jenkins of Portland, Me. ; Rev. Dr. Merriman of Worcester ; Rev. Dr. Terrett of Hamilton College ; Rev. Drs. Gordon and W. E. Barton of Boston ; Rev. C. F. Carter, of Andover ; Rev. Dr. Lamson of Hartford, Conn. ; Rev. S. T. Livingston of South Egremont : Rev. Paul van Dyke of Northampton ; Rev. Mr. Palmer of Auburn, N. Y. ; Rev. Dr. Thomas of Brookline ; Rev. Dr. Lyman of Brooklyn, N. Y. ; Rev. John H. Lockwood of Westfield ; Rev. Dr. Richards of Plainfield, N. J. ; and President Carter, Professor Spring, and Dr. Bascom of the college.

ALUMNI VISITORS

A Committee is chosen by the Associated Alumni to visit the college at stated times, and to make an annual report. This Committee consists at present of the following gentlemen :

(Until Commencement, 1896)

Rev. Samuel W. Dike, LL.D., of Auburndale, class of '63.

Prin. Daniel C. Farr, Ph.D., of Glens Falls, N. Y., class of '72.

(Until Commencement, 1897)

Prin. Lemuel C. Mygatt, M.A., of New York City, class of '70.

Rev. Alfred T. Perry, M.A., of Hartford, Conn., class of '80.

(Until Commencement, 1898)

Leartus Connor, M.D., of Detroit, Mich., class of '65.

Felton Bent, B.A., of Philadelphia, Pa., class of '95.

PRIZES

BENEDICT PRIZES

The late Hon. Erastus C. Benedict, of the class of 1821, formerly an instructor in the college, established seven first

prizes of twenty-five dollars each, which may be awarded annually for excellence in the following departments : Latin, Greek, French, German, Mathematics, Natural History, and History ; seven second prizes of fifteen dollars each, which may be awarded in the same departments.

He also founded a prize of twenty-five dollars, to be given annually to that member of the college who, at the close of each college year, shall be found to have received the largest number of prizes.* Honorable mention is here counted as a prize. In case of a tie the relative grades of the prizes will be taken into account, and honorable mention in Latin or Greek and a Rice book prize will not both be counted.

VAN VECHTEN PRIZE

A prize, amounting to seventy dollars, established by A. V. W. Van Vechten, Esq., of the class of 1847, may be awarded for extemporaneous speaking. The assignment of this prize will be made by the Faculty, and will depend upon excellence of diction in the ordinary recitations, in class debates, and such other exercises during the college course as test the speaker's readiness and ability.

GRAVES PRIZES

Arthur B. Graves, Esq., of the class of 1858, has founded seven prizes amounting to two hundred dollars, which may be awarded as follows : six prizes of twenty dollars each for the best six essays prepared by members of the Senior Class, on subjects assigned by the Faculty ; one prize of eighty dollars to the student who shall deliver his essay in the most effective manner before a public audience.

RHETORICAL PRIZES

On the evening before Commencement, ten speakers, appointed equally from the Junior and Sophomore classes,

* For the present an additional sum of \$75.00 will be given each year by a friend of the college to increase this prize to \$100.00.

deliver original orations in competition for five prizes. The income of two thousand dollars—one thousand of which was given by Elizur Smith, Esq., of Lee, and the other by William T. Booth, Esq., of New York City—is appropriated for these prizes.

The trustees of the college offer two prizes of twenty dollars and ten dollars respectively to members of the Freshman Class for excellence in declamation.

RICE PRIZES

The income of five thousand dollars, left to the college by the late James Lathrop Rice, Esq., is by his will appropriated to the encouragement of Latin and Greek scholarship. Of this income sixty dollars may be awarded at Commencement of each year to that member of the Senior class who shall have shown the fullest and most accurate knowledge of certain Latin classics; and forty dollars to the member of the same class who shall have attained the second rank in the knowledge of the same authors; sixty dollars may be awarded at the same time to the member of the Senior class who shall have shown the fullest and most accurate knowledge of certain Greek classics; and forty dollars to the member of that class who shall have attained the second rank in the knowledge of the authors in question. The same student may compete for the prizes in these departments, but they will be assigned only to students who have pursued the subject as an elective during both the Junior and Senior years.

DEWEY PRIZE

The late Hon. Francis Henshaw Dewey founded a prize of fifty dollars to be given to the member of the graduating class who shall present the most creditable oration in point of composition and delivery at Commencement exercises.

SCHOLARSHIPS

HONOR SCHOLARSHIPS

Several Honor Scholarships of \$2,500.00 each, have been founded by alumni and friends of the college, the income of

which is awarded by the Faculty to as many young men as there are scholarships, in order not only to afford pecuniary aid, but also to recognize successful scholarship.

The scholarships already endowed, in whole or in part, are as follows :

The "Thomson Scholarship," founded by the late Charles H. Thomson, Esq., of New York.....		\$2,500.00
The "Warren Scholarship," founded by the late S. D. Warren, Esq., of Boston.		2,500.00
The "Gilson Scholarship," founded by the late Prof. C. F. Gilson.....		2,500.00
The "J. Ruthven Adriance Memorial Scholarship".....		2,500.00
The "Scholarship of the class of 1862".....		1,202.00
The "Scholarship of the class of 1867".....		675.00

A portion of the income of the fund bequeathed to the college by the late Henry Titus Morgan, Esq., of New York City, may be employed to encourage young men of high scholarship in the prosecution of their studies, either before or after receiving the bachelor's degree.

CLARK SCHOLARSHIP

The "Horace F. Clark Scholarship" in honor of H. F. Clark, of the class of 1848, has been established under the provisions of the will of Madame Marie Louise Souberbeille, his daughter, and the income will be awarded as follows :

(1) *For the Freshman year \$200*, to be awarded to the member of the class regularly and faithfully participating in and duly completing the exercises and duties of that year, who upon admission to the college shall have passed a better examination than any other such member of the class.

(2) *For the Sophomore year \$200*, to be awarded to the member of the class regularly and faithfully participating in and duly completing the exercises and duties of that year, who shall pass the best examination therefor, the sum to be paid at the end of Sophomore year.

(3) *For the Junior year \$200*, to be awarded to the member of the class regularly and faithfully participating in and duly

completing the exercises and duties of that year, who shall pass the best examination therefor, the sum to be paid at the end of Junior year.

(4) *For the Senior year \$400*, to be awarded to the member of the class regularly and faithfully participating in and duly completing the duties of that year, who shall pass the best examination therefor, and shall engage to pursue at Williams-town for one year a course of graduate study to be approved by the Faculty, the sum to be paid one-half at the end of Senior year and one-half at the close of such year of graduate study.

CLASS SCHOLARSHIPS

The income of the following Scholarships is conferred on persons selected by the classes, or by their representative :

The " Scholarship of the class of 1851 "	\$2,500.00
The " Scholarship of the class of 1852 "	1,808.00

SCHOLARSHIP FUNDS

The income of all the endowments mentioned below, amounting to over \$7,000, is distributed annually, at the discretion of the Trustees, among those students who are known to need aid, for the partial or entire payment of their college bills. Assistance will be given only to candidates for the bachelor's degree.

Those who apply for this aid are expected to show that they are in need of it, and also to prove by their work and conduct as students that they are worthy of it.

In accordance with a recent vote of the Trustees this aid will be withheld from such students as fail to maintain a respectable standing in scholarship. Any student who, by reason of failure at a regular examination, is conditioned on the studies of any term, and required to take a second examination, will forfeit this assistance for the next term. Repeated failures of this kind will exclude him from further pecuniary

aid. Neglect of duty, disregard of college laws, or indulgence in expensive habits will occasion a similar exclusion.

The amount allowed to a student lodging in a private or club house will generally be less than that granted to one who occupies a room in the college buildings.

A form of application may be obtained of the registrar. Such an application, with the proper signatures, must be submitted to the authorities of the colleges. The receipt of aid for one year will not establish a claim to it for another year.

In assigning the income of the Horace Nathaniel Pennoyer Scholarship, the gift of ex-Governor Sylvester Pennoyer of Oregon, in memory of his beloved son, who died at the Infirmary of the College, November 24, 1894, preference will be given to students from the State of Oregon.

The income of \$6,000, the gift of Ebenezer R. Goodnow of Charlemont will also ultimately be devoted to the assistance of indigent students.

Baldwin Fund	\$28,000.00
Alumni Scholarship Fund	10,000.00
Mills Fund	8,000.00
State Fund	7,500.00
Woodbridge Little Fund	6,000.00
Starkweather Fund	1,000.00
Means Fund	1,000.00
Moses Day Fund	5,000.00
Barnes Fund	300.00
Jessup Fund	1,000.00
Three State Scholarships	4,500.00
Thomas Thornton Read Permanent Fund	4,965.75
Horace Nathaniel Pennoyer Scholarship	3,500.00
Thomas Thornton Read Scholarship	2,500.00
Francis Henshaw Dewey Scholarship	3,000.00
Henshaw Scholarship	3,000.00
Louisa F. Bartlett Scholarship	2,500.00
Homer Bartlett Scholarship	2,500.00
William Hyde Scholarship	2,500.00
Mrs. William Hyde Scholarship	2,500.00
Orrin Sage Scholarship	2,500.00
Miss Sarah R. Sage Scholarship	2,500.00

Hancock Scholarship	2,500.00
Olin White Geer Memorial Scholarship	2,500.00
Henry P. Brush Scholarship	2,375.00
Chadbourne Scholarship	2,500.00
Amos Lawrence Scholarships	2,000.00
Dewey Scholarship	1,500.00
Olin Scholarship	1,000.00
George H. Rosseter Scholarship	1,000.00
Newtown Henry Rosseter Scholarship	1,000.00
Cone Scholarship	1,000.00
Stoddard Scholarship	1,000.00
Emory Washburn Scholarship	1,000.00
Sarah Woodhull Arms Scholarship	1,000.00
Cyrus Taggart Mills Scholarship	1,000.00
Merriam Scholarship	550.00
Barker Scholarship	500.00
Mason Scholarship	500.00
Bancroft Scholarship	500.00
Bela Peck Williams Scholarship	500.00
Thomas W. Williams Scholarship	500.00

EXPENSES

TREASURER'S BILLS

Tuition, \$35 per term	\$105.00	\$105.00
Library	4.50	4.50
Gymnasium	3.00	3.00
Room rent, \$2.50 to \$37.50 per term	7.50	112.50
	<u>\$120.00</u>	<u>\$225.00</u>

Students are required to pay their term bills in advance. In case of failure to do this by the end of the second week of the term, they may be excluded from all college exercises.

Those students who, from choice or necessity, room in town, can obtain rooms at prices somewhat higher than the rates charged in college.

GENERAL EXPENSES

The following is an estimate of the necessary expenses for the college year :

Board, \$3.25 to \$6 per week, for 36 weeks	\$117.00	\$216.00
Washing	15.00	20.00
Fuel and Light	8.00	18.00
	<u>\$140.00</u>	<u>\$254.00</u>

To the above items must be added the expense of furnishing room, cost of text-books, and incidentals. The amount of incidental expenses will depend very much on the habits of the student. It is earnestly recommended that parents and guardians should not authorize their sons and wards to obtain credit in town, and should not pay debts contracted without their authority.

Any special damage done by students to college property will be charged as an extra in their term bills.

Those who enter on an advanced standing, unless they come from another college, pay the following sums as entrance fees, viz. : Sophomores, \$10; Juniors, \$20; Seniors, \$30; and this rule is also applicable to partial-course students.

COLLEGE HALL

The house known as College Hall was built and furnished by the friends of the college in order to reduce the price of board for students. It is expected that the price will not exceed \$3.25 per week.

Board can be obtained in private houses or in clubs or in the hotels at prices ranging from \$3.50 to \$6.00 per week.

COLLEGE ROOMS

In the dormitories of Williams College there are accommodations for two hundred and forty-nine students. Nearly all the rooms consist of a study and two bedrooms, and are intended for two occupants.

Students having college scholarships will be required to room in either West College, East College, South College, or Kellogg Hall.

Each student renting a college room will have the legal relation of a tenant, and will be held responsible for damage done to his room.

Students who are about to enter the college can secure rooms in college buildings after their entrance papers are accepted. Rooms in Morgan Hall and College Hall are assigned in the order of application and secured by the advance payment of one term's rent.

PRIZES AWARDED AT COMMENCEMENT, 1895

BENEDICT PRIZES

In Latin

FIRST PRIZE—Equally divided between Lawrence Ashley
Hawkins and George Tyler Northrop . . . Class of 1897
SECOND PRIZE—Grosvenor Bouton Hill . . . " " "

In Greek

FIRST PRIZE—Grosvenor Bouton Hill . . . Class of 1897
SECOND PRIZE—Lawrence Ashley Hawkins . . . " " "
HONORABLE MENTION—Russell Jones Wilbur . . . " " "

In Mathematics

FIRST PRIZE—Lawrence Ashley Hawkins . . . Class of 1897
SECOND PRIZE—Grosvenor Bouton Hill . . . " " "
HONORABLE MENTION—Ray Connor and Robert Fuller
Dennison . . . " " "

In History

FIRST PRIZE—William Seward Elder . . . Class of 1895
SECOND PRIZE—Edward Clarence Miller . . . " " "
HONORABLE MENTION—John Herbert Peck . . . " " "

In Natural History

FIRST PRIZE—John Albertson Sampson . . . Class of 1895
SECOND PRIZE—George William Hunter, Jr. . . . " " "
HONORABLE MENTION—William Senger . . . " " "

In French

FIRST PRIZE—Willard Pierrepont Millspaugh. . . Class of 1895
SECOND PRIZE—Frederick William Memmott . . . " " "

In German

FIRST PRIZE—James Ray Craighead . . . Class of 1895
SECOND PRIZE—Hermon Arnold Strong . . . " " "
HONORABLE MENTION—John Herbert Peck . . . " " "

PRIZE FOR PRIZES

Elnathan Sweet, Jr., Class of 1895

GRAVES PRIZES

For Essays—Class of 1895

Jerome Ripley Allen	Stewart Forbes Patterson
Frederick William Memmott	John Herbert Peck
Harold Phelps Moseley	Elnathan Sweet, Jr.

For Excellence of Delivery

Frederick William Memmott

RHETORICAL PRIZES

General Prize

Russell Jones Wilbur	Class of 1897
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Junior Prizes

FIRST PRIZE—George Kendrick Buck	Class of 1896
SECOND PRIZE—Bernard Kelly	" " "

Sophomore Prizes

FIRST PRIZE—Nejib Ibrahim Katibah	Class of 1897
SECOND PRIZE—Dalton Hiram Blanchard	" " "

DEWEY PRIZE

For Excellence in Commencement Exercises

Elnathan Sweet, Jr., Class of 1895

VAN VECHTEN PRIZE

For Extemporaneous Speaking

Elnathan Sweet, Jr., Class of 1895

RICE PRIZES

In Latin

FIRST PRIZE—Ewing Taylor	Class of 1895
SECOND PRIZE—Not awarded	

In Greek

FIRST PRIZE—Elnathan Sweet, Jr.	Class of 1895
SECOND PRIZE—Harry Ernest Foster	" " "

Book Prizes from the Rice Fund. Class of 1897

Dalton Hiram Blanchard	Gilbert Earle Treat
James McLaury Peake	Russell Jones Wilbur
Charles Francis Pease	John Kirke Williams

HONOR SCHOLARSHIPS

Thomson Scholar, Willard Dean Shannahan . . .	Class of 1896
J. Ruthven Adriance Scholar, Harry Hopkins Hubbell .	Class of 1898
Warren Scholar, Walter Edwin Orton . . .	Class of 1898
Gilson Scholar, Dalton Hiram Blanchard . . .	Class of 1897

APPOINTMENTS FOR COMMENCEMENT

CLASS OF 1895

Valedictory

Elnathan Sweet Jr.

Salutatory

Herman Arnold Strong

Philosophical Orations

Walter Andrew Bratton
William Seward Elder

Edward Clarence Miller
John Herbert Peck

Orations

Frederick Carhart Adams
James Ray Craighead
Charles Harrod Durfee

Clement Goldsmith Elmer
Harry Ernest Foster
Frederick William Memmott

Willard Pierrepont Millspaugh

Dissertations

First Class

Charles Milton Burdick
John Potter Congdon
Benjamin Callender Heald, Jr.
Rufus Graves Mather
John Daniel Wild

Second Class

George William Hunter, Jr.
Harrison Albeon Morse
Harold Phelps Moseley
Frank Silliman Parmenter
John Albertson Sampson

DEGREES CONFERRED IN 1895

BACHELOR OF ARTS

Frederick Carhart Adams
George Marshall Alden
Lewis Raynor Aldrich
Jerome Ripley Allen
Winfred Howard Babbitt
Henry Joseph Baron
Benjamin Thomas Bartlett
Felton Bent
Martin Whitten Berry
Walter Andrew Bratton
James Jay Brown
Charles Milton Burdick
John Potter Congdon
James Ray Craighead
George Griswold Davidson, Jr.
Stephen Bradford Davol
Louis DeForest Downer
Fred Elliott Draper
Charles Harrod Durfee
Joseph Oriel Eaton
William Seward Elder
Clement Goldsmith Elmer
Charles Wilmer Fitch
Harry Ernest Foster
William Bradley Frear
Robert Torrington Furman
Charles Dwight Gates
Frederick Day Goodwin
Benjamin Callender Heald, Jr.

Maclay Hoyne
George William Hunter, Jr.
Ariel Harris Ide
Robert Hutchins Jeffrey
Harold Abbott Johnson
Adam Leroy Jones
Frederick Porter Kimball
Benjamin Weld Knower
George Arthur Lundy
Walter Horton Main
Allan Marsh
Rufus Graves Mather
Frederick William Memmott
Craig Carlton Miller
Edward Clarence Miller
Willard Pierrepont Millspaugh
Fred Howard Moffit
Guy Hatfield Morgan
Lewis Arthur Morrow
Harrison Albeon Morse
Harold Phelps Moseley
James Ogilvie
Frank Silliman Parmenter
Stuart Forbes Patterson
John Herbert Peck
George Fitch Perkins, Jr.
William George Ramsay
Francis William Rawle
Edward Rowland Richards

Henry Drinker Riley	William Senger
William Chandler Roudenbush	Charles Mills Slocum
Arthur Belding Rudd	Monroe Weed Smith
John Stewart Russell	Hermon Arnold Strong
John Albertson Sampson	Elnathan Sweet, Jr.
Henry Gansevoort Sanford	Ewing Taylor
William Merriam Sawyer	John Daniel Wild

MASTER OF ARTS

Nathan Russell Harrington
Willis Isbister Milham

HONORARY DEGREES

DOCTOR OF DIVINITY

Reverend Robert James Kent

DOCTOR OF LAWS

Reverend George Edwin MacLean

MASTER OF ARTS

Fraucis Greenleaf Allinson

STUDENTS

CANDIDATES FOR THE DEGREE OF MASTER OF ARTS

Clarence Walworth Alvord, B.A., 1891, Hamilton
History

Charles Albert Browne, Jr., B.A., 1892, State College, Pa.
Chemistry

Hanford Wisner Edson, B.A., 1890, Williamstown
History, Philosophy, and English Literature

Frank Price Frein, B.A., 1892, Baltimore, Md.
French and Spanish

George William Hunter, Jr., B.A., 1895, Williamstown
Biology

Frederick William Memmott, B.A., 1895, North Adams
English Literature

Morrison Ellsworth Meriam, B.A., 1892, Pennington Gap, Va.
History and Political Science

Franklin Hubbell Mills, B.A., 1893, Pottstown, Pa.
Greek

Howard Opdyke, B.A., 1893, Schenectady, N. Y.
Physics

Payn Bigelow Parsons, B.A., 1892, Albany, N. Y.
Psychology, French, and German

Charles Lyman Warner, B.A., 1891, Waterville, N. Y.
Greek and Latin

Walter Anson Weed, Jr., B.A., 1892, Pottstown, Pa.
Greek

Frank Albert Wilson, B.A., 1889, Worcester
Italian and French

Graduate Students, 13

SENIOR CLASS

Frederick Alonzo Alden	<i>Troy, N. Y.</i>	Chapel Tower
Frederick Bowden Ayer	<i>Worcester</i>	7 K. H.
Arthur Ward Bailey	<i>Wollaston Heights</i>	10 S. C.
James McConnell Bailey	<i>Zanesville, O.</i>	Δ . K. E. House
Francis Edgar Bates	<i>Westfield</i>	10 K. H.
Edward Willard Blodgett	<i>Leominster</i>	Z. Ψ . House
John William Bockes	<i>Skaneateles, N. Y.</i>	3 W. C.
Horace Greeley Brown	<i>Plainfield, Conn.</i>	4 K. H.
George Kendrick Buck	<i>Manchester, N. H.</i>	Rev. Mr. Sedgwick's
Robert Allyn Budington	<i>Leyden</i>	10 S. C.
Charles Edward Buell	<i>Litchfield, Conn.</i>	Mrs. Sutherland's
Charles Francis Canedy	<i>Shelburne Falls</i>	Φ . Δ . Θ . House
Sumner Allen Chapman	<i>Hanson</i>	9 S. C.
Ernest Harold Cluett	<i>Troy, N. Y.</i>	Δ . Ψ . Lodge
Walter Ward Cooper	<i>Little Falls, N. Y.</i>	1 M. H.
Thomas Bigelow Cowen	<i>New York City</i>	Δ . Δ . Φ . House
Philip H. Dater	<i>Eagle Mills, N. Y.</i>	24 E. C.
George Edward Deely	<i>Lee</i>	9 E. C.
Sylvester Chittenden Deming	<i>Arlington, Vt.</i>	Θ . Δ . X. House
Clarence Wells Dunham	<i>Troy, N. Y.</i>	Θ . Δ . X. House
Edward Calvin Durfee	<i>Geneseo, N. Y.</i>	9 K. H.
Frederic Crook Eastman	<i>Brooklyn, N. Y.</i>	Δ . T. Δ . Lodge
William Rickcords Folsom	<i>Buffalo, N. Y.</i>	Δ . K. E. House
Augustus Graves Ely	<i>Cranford, N. J.</i>	Δ . Ψ . Lodge
Islay Van Horn Gill	<i>Greenwich, N. Y.</i>	13 K. H.
Theodore Gilman, Jr.	<i>Yonkers, N. Y.</i>	K. A. Lodge
Leonard Titus Haight	<i>Skaneateles, N. Y.</i>	3 W. C.
William Winn Hartwell	<i>Woburn</i>	Δ . T. Δ . Lodge
Charles Avery Hickey	<i>Binghampton, N. Y.</i>	Mr. Sanford's

George Walter Humphrey	<i>Denver, Colorado</i>	Δ . Ψ . Lodge
James Herbert Irish	<i>Skaneateles, N. Y.</i>	Φ . Δ . Θ . House
George Bancroft Kilbourne	<i>Columbus, O.</i>	Σ . Φ . Place
William Kirk, Jr.	<i>Delmar, N. Y.</i>	11 E. C.
Henry Seymour Knight	<i>Lansingburgh, N. Y.</i>	Mr. Towne's
Edward Morgan Lewis	<i>Utica, N. Y.</i>	9 K. H.
William Andrew Lockwood	<i>Westfield</i>	<i>K. A.</i> Lodge
Charles Francis Lyon	<i>Auburn, N. Y.</i>	22 W. C.
James Arthur Lytle	<i>Lawrence</i>	11 K. H.
Thomas Corwin McDowell	<i>Medina, O.</i>	Δ . <i>K. E.</i> House
Fred Hulse Mapes	<i>Middletown, N. Y.</i>	13 W. C.
Berthier Whitford Mather	<i>Garrattsville, N. Y.</i>	Δ . <i>T.</i> House
John Arthur Miller	<i>Portsmouth, Va.</i>	8 S. C.
Paul Caldwell Mitchell	<i>Mansfield, O.</i>	25 M. H.
Clarence Eliud Parker	<i>South Granville, N. Y.</i>	5 K. H.
Nathaniel Willis Parker	<i>South Granville, N. Y.</i>	5 K. H.
Henry Stuart Patterson	<i>New York City</i>	<i>A. A.</i> Φ . House
Edmonds Putney	<i>New York City</i>	Θ . Δ . <i>X.</i> House
James Wells Reed	<i>Richmond Mills, N. Y.</i>	4 K. H.
Sanford Robinson	<i>North Adams</i>	Δ . <i>K. E.</i> House
Robert Wells Root	<i>Hartford, Conn.</i>	<i>A. A.</i> Φ . House
Clarence John Russell	<i>Pittsfield</i>	Θ . Δ . <i>X.</i> House
Willard Dean Shannahan	<i>Green Island, N. Y.</i>	13 W. C.
Theodore Hinman Simmons	<i>Cleveland, O.</i>	<i>K. A.</i> Lodge
Dwight Gordon Smith	<i>Washington, D. C.</i>	Δ . <i>T.</i> House
William Aaron Spangler	<i>Denver, Colorado</i>	Δ . Ψ . Lodge
Harry Griffen Stephens	<i>Bridgehampton, N. Y.</i>	7 K. H.
Charles Edward Street	<i>Lee</i>	1 E. C.
Dudley Woodbridge Strickland	<i>Brookline</i>	Δ . <i>T.</i> House
William Richardson Thurston	<i>New York City</i>	Mrs. Sutherland's
William Groat Van Loon	<i>Albany, N. Y.</i>	<i>Z. \Psi.</i> House
Karl Ephraim Weston	<i>Winchendon</i>	Φ . Δ . Θ . House
Henry Brainard White	<i>Marcellus, N. Y.</i>	Φ . Δ . Θ . House
William Williamson	<i>Manchester, N. H.</i>	11 K. H.
David Moorad Yeretsian	<i>Moosh, Turkey in Asia</i>	13 S. C.

JUNIOR CLASS

Edgar Willey Ames	<i>Sherburne, N. Y.</i>	<i>Δ. T. Δ. Lodge</i>
George Walter Ashton	<i>Blackinton</i>	4 E. C.
Almon Colburn Barrell	<i>Albion, N. Y.</i>	<i>Z. Ψ. House</i>
Cevedra D. Blake	<i>St. Louis, Mo.</i>	<i>A. Δ. Φ. House</i>
Dalton Hiram Blanchard	<i>South Shaftesbury, Vt.</i>	10 K. H.
William Baylies Bliss, Jr.	<i>Fall River</i>	7 W. C.
Richard Robertson Bradbury	<i>New York City</i>	<i>Δ. K. E. House</i>
Alonzo Farley Brewer	<i>Newton Centre</i>	22 E. C.
Howard Munson Briggs	<i>Lansingburgh, N. Y.</i>	24 E. C.
William Robinson Brown	<i>Portland, Me.</i>	<i>K. A. Lodge</i>
William Adams Burns	<i>Pittsfield</i>	<i>Δ. T. House</i>
Robert Francis Cheney	<i>Lee</i>	Library
Egerton Chichester	<i>New York City</i>	7 M. H.
Richard Henry Chute, Jr.	<i>Minneapolis, Minn.</i>	11 S. C.
Stephen Dutton Clarke	<i>Buffalo, N. Y.</i>	Mr. Sanford's
Guy Leartus Connor	<i>Detroit, Mich.</i>	<i>Z. Ψ. House</i>
Ray Connor	<i>Detroit, Mich.</i>	<i>Z. Ψ. House</i>
Clifford Henry Coon	<i>Adams Centre, N. Y.</i>	23 E. C.
Francis Patrick Cullen	<i>Pittsfield</i>	9 E. C.
Winterton Conway Curtis	<i>The Dalles, Ore.</i>	11 E. C.
Alexander Davidson	<i>Albany, N. Y.</i>	<i>Z. Ψ. House</i>
Robert Fuller Denison	<i>Cleveland, O.</i>	21 M. H.
Frank Edward Dewey	<i>Milwaukee, Wis.</i>	<i>Δ. Ψ. Lodge</i>
George Phillips Dike	<i>Auburndale</i>	28 W. C.
Hugh Paton Drysdale	<i>North Adams</i>	21 E. C.
Frank Lewis Duley	<i>Gloucester</i>	13 S. C.
Howard Bertram Elliott	<i>New Rochelle, N. Y.</i>	<i>Δ. T. Δ. Lodge</i>
George William Gillette	<i>Canandaigua, N. Y.</i>	<i>X. Ψ. Lodge</i>
Reid Gilmore	<i>Salem, N. Y.</i>	10 E. C.
Clinton Burr Goodrich	<i>North Adams</i>	<i>Θ. Δ. X. House</i>
Gurdon Wright Gordon	<i>Sheffield</i>	23 E. C.
William Ellery Greene	<i>Cleveland, O.</i>	<i>Z. Ψ. House</i>
Damon Everett Hall	<i>Williamstown</i>	20 E. C.
Laurence Ashley Hawkins	<i>Pittsfield</i>	<i>Θ. Δ. X. House</i>

George Brown Hedges	<i>New York City</i>	Δ . Ψ . Lodge
John Francis Heffernan	<i>Housatonic</i>	4 E. C.
Grosvenor Bouton Hill	<i>Lockport, N. Y.</i>	19 E. C.
Jerome Odell Hoyt	<i>Cambridge, N. Y.</i>	Mr. Prindle's
Philip Lyman James	<i>Williamsburg</i>	A. Δ . Φ . House
Lincoln Kilbourne	<i>Columbus, O.</i>	Σ . Φ . House
John Bradfute Knox	<i>Yellow Springs, O.</i>	20 M. H.
Edwin Waterman Lee	<i>St. Louis, Mo.</i>	X. Ψ . Lodge
Maurice Ambrose Levy	<i>West Townsend</i>	2 E. C.
Guy Alton McGowan	<i>Canandaigua, N. Y.</i>	8 K. H.
Frederic Lee Matthews	<i>Youngstown, O.</i>	17 S. C.
Roy Waldo Miner	<i>North Adams</i>	6 E. C.
John Francis Murray	<i>Troy, N. Y.</i>	12 E. C.
Lynn Carlton Norris	<i>Canandaigua, N. Y.</i>	8 K. H.
George Tyler Northup	<i>Evanston, Ill.</i>	21 M. H.
Herbert Peake	<i>Walton, N. Y.</i>	13 C. H.
James McLaury Peake	<i>Walton, N. Y.</i>	13 C. H.
Charles Francis Pease	<i>Chester</i>	6 C. H.
Eugene Bennett Pierce	<i>Putney, Vt.</i>	19 E. C.
Herbert Lee Pratt	<i>Hingham Centre</i>	Δ . Υ . House
Burritt Fitch Prudden	<i>Oswego, N. Y.</i>	17 S. C.
Albert Adien Reynolds	<i>North Adams</i>	5 E. C.
Wallace Everett Richmond	<i>North Adams</i>	6 E. C.
Edwin Nicholas Riggins	<i>East Orange, N. J.</i>	6 C. H.
Herbert Francis Roy	<i>Troy, N. Y.</i>	K. A. House
John Ryan	<i>North Adams</i>	24 W. C.
Moses Weld Terrill	<i>Morrisville, Vt.</i>	18 E. C.
Lyman Hinsdill Toombs	<i>North Bennington, Vt.</i>	10 E. C.
Gilbert Earle Treat	<i>Auburn, N. Y.</i>	22 W. C.
Charles Hemenway Upton	<i>Springfield</i>	Δ . K. E. House
Edwin Midgley Walker	<i>Lockport, N. Y.</i>	14 S. C.
Fred Brown Whitney	<i>Waukegan, Ill.</i>	Δ . Υ . House
Frank Marion Williams	<i>Cheshire</i>	5 E. C.
John Kirke Williams	<i>Peacham, Vt.</i>	14 S. C.
Charles Albert Wright	<i>Moravia, N. Y.</i>	Infirmary

SOPHOMORE CLASS

James Frederick Bacon	<i>Pittsfield</i>	10 C. H.
Samuel Alexander Baillie	<i>Troy, N. Y.</i>	19 W. C.
Ernest Bamberger	<i>Salt Lake City, Utah</i>	X. Ψ . Lodge
George Barber Barrell	<i>Albion, N. Y.</i>	15 M. H.
Hawley Newton Bidwell	<i>Medina, N. Y.</i>	23 M. H.
John Martin Bieler	<i>Boston</i>	4 W. C.
Samuel Wells Bowerman	<i>Pittsfield</i>	Σ . Φ . Place
John Ransom Bragdon	<i>Auburndale</i>	Δ . K. E. House
Philip Marshall Brown	<i>Woburn</i>	23 W. C.
Roy Clement Burr	<i>Worthington</i>	20 W. C.
Cornelius Murtogh Callahan	<i>Norwood</i>	2 W. C.
Walter Albert Carr	<i>Concord</i>	4 W. C.
Randolph Foster Clark	<i>Keeseville, N. Y.</i>	15 E. C.
Almeron Hyde Cole	<i>Albion, N. Y.</i>	15 M. H.
Ernest Jesse Cory	<i>Buskirk's Bridge, N. Y.</i>	20 E. C.
Albert Roscoe Tenney Davis	<i>Fall River</i>	17 E. C.
Charles Henry Davis	<i>Ware</i>	12 K. H.
George Edward Denman	<i>Auburn, N. Y.</i>	7 W. C.
William Howard Doughty, Jr.	<i>Troy, N. Y.</i>	K. A. Lodge
Ralph Walton Dunbar	<i>Brookline</i>	22 M. H.
Herman White Fifer	<i>Bloomington, Ill.</i>	18 M. H.
Charles William Floyd	<i>Memphis, Tenn.</i>	28 M. H.
Claude Augustine Frink	<i>North Adams</i>	17 E. C.
Charles William Gamwell	<i>Pittsfield</i>	10 C. H.
Matthew Addison Graff	<i>Shields, Pa.</i>	18 M. H.
Elwin A. Graves	<i>Wilmington, Vt.</i>	13 E. C.
Charles Edward Hamilton	<i>Greenwich, N. Y.</i>	Mr. Hamilton's
Clifford Campbell Haskins	<i>North Adams</i>	14 E. C.
Albert Edward Holmes	<i>Kansas City, Mo.</i>	Mr. Sanford's
Lawrence Riggs Howard	<i>Glencoe, Ill.</i>	28 W. C.
Harry Hopkins Hubbell	<i>Buffalo, N. Y.</i>	3 K. H.
Elmore Edward Hutchinson	<i>Pearl Creek, N. Y.</i>	5 W. C.
George Peck Ide, Jr.	<i>Troy, N. Y.</i>	7 M. H.
John Henry Lotz	<i>Kinsman, O.</i>	6 W. C.

Joseph William McConnell	<i>Fitchburg</i>	14 E. C.
Roy Herbert Macumber	<i>Manchester, N. Y.</i>	5 W. C.
Olney Blanchard Mairs	<i>Brooklyn, N. Y.</i>	26 M. H.
Edward James Maroney	<i>Springfield</i>	12 E. C.
William Henry Matthews	<i>Huntington</i>	20 W. C.
Albert Rowcliffe Moffit	<i>Princeville, Ill.</i>	10 W. C.
Fred Beebe Newman	<i>Plainfield, N. J.</i>	Mr. Sanford's
Harry Dwight Nims	<i>Concord, N. H.</i>	Z. Ψ. Lodge
Guy Hinchman Noble	<i>Morristown, N. J.</i>	Δ. Ψ. Lodge
Walter Edwin Orton	<i>Williamstown</i>	15 E. C.
Charles Percy Parkhurst	<i>St. Paul, Minn.</i>	1 W. C.
Lewis Perry	<i>Williamstown</i>	Dr. Perry's
James Bissett Pratt	<i>Elmira, N. Y.</i>	2 M. H.
William Thomas Quinn	<i>Williamstown</i>	Mrs. Quinn's
Edward Hiram Reede	<i>Albion, N. Y.</i>	26 W. C.
George Payson Rowell	<i>Franklin, N. Y.</i>	12 S. C.
Frederick Winslow Rust	<i>Kansas City, Mo.</i>	Δ. K. E. House
George Gilmore Scott	<i>Geneseo, N. Y.</i>	12 K. H.
John Seymour Stone, Jr.	<i>Great Barrington</i>	21 E. C.
John Henry Thorpe	<i>Cohoes, N. Y.</i>	12 S. C.
Henry Woodruff Titus	<i>Auburn, N. Y.</i>	23 W. C.
Rossiter Blake Towle	<i>Omaha, Neb.</i>	Σ. Φ. Place
Percival Henry Truman	<i>Chicago, Ill.</i>	1 W. C.
Arthur Clement Twitchell	<i>Portland, Me.</i>	26 M. H.
William Francis Walsh	<i>Hancock</i>	13 E. C.
Paul Harrison Waterman	<i>Westfield</i>	Φ. Δ. Θ. House
Frederic Taylor Wood	<i>Newton Centre</i>	22 E. C.
Ray Palmer Woodin	<i>Great Barrington</i>	26 W. C.

SOPHOMORES, 62

FRESHMAN CLASS

Clarence Mallory Abbott	<i>Albion, N. Y.</i>	11 W. C.
Linus Earl Aldrich	<i>Princeville, Ill.</i>	10 W. C.
Albert LeRoy Andrews	<i>Williamstown</i>	1 K. H.
George Hanford Ansley	<i>Salamanca, N. Y.</i>	35 M. H.
Fred R. Baker	<i>Bloomington, Ill.</i>	Δ. Θ. House

Charles Hume Baldwin, Jr.	<i>Amsterdam, N. Y.</i>	14 C. H.
John Barker	<i>Pittsfield</i>	16 M. H.
William Henry Beattie	<i>Cohoes, N. Y.</i>	4 S. C.
Edmond Wood Billetdoux	<i>North Adams</i>	5 S. C.
Robert Clifford Black, Jr.	<i>Pelham Manor, N. Y.</i>	28 M. H.
Edward Rice Bolton	<i>Geneseo, N. Y.</i>	9 W. C.
Edwin Morgan Brookfield	<i>New York City</i>	Mr. Danforth's
Fred LeRoy Brown	<i>Lansingburg, N. Y.</i>	21 W. C.
Samuel Brown	<i>Greenwich, N. Y.</i>	Chemical Laboratory
Guy Toland Butler	<i>London, O.</i>	Mr. Danforth's
Thomas Clyman Campbell	<i>Port Jervis, N. Y.</i>	29 W. C.
Fred Herbert Carpenter	<i>Minneapolis, Minn.</i>	8 M. H.
Lawrence Whitney Carr	<i>Ashby</i>	15 W. C.
Franklin Carter, Jr.	<i>Williamstown</i>	5 C. H.
Jonas Kinney Cheney	<i>Franklinville, N. Y.</i>	6 K. H.
Onslow Wilberforce Comstock	<i>Charlestown</i>	17 W. C.
Harry Rutgers Conger	<i>New York City</i>	29 M. H.
Horace Cottrell	<i>Hoosick Falls, N. Y.</i>	13 K. H.
William Welles Darby	<i>North Adams</i>	Mr. Waterman's
William Powers Dauchy	<i>Lansingburg, N. Y.</i>	Σ. Φ. Place
William Henderson Davidson	<i>Cohoes, N. Y.</i>	4 S. C.
Marcus Morton Dean	<i>Pownal, Vt.</i>	2 K. H.
Ashton Philander Derby	<i>Gardner</i>	4 M. H.
Edward Crosby Doughty	<i>Troy, N. Y.</i>	K. A. House
George Centennial Douglass	<i>Granville, N. Y.</i>	29 W. C.
Philip Henry Draper	<i>Troy, N. Y.</i>	Mrs. Hart's
Leo Kimball Eaton	<i>Oshkosh Wis.</i>	33 M. H.
Henry Goldsmith Elmer	<i>Peconic, N. Y.</i>	3 E. C.
Daniel Fitts, Jr.	<i>Haverhill</i>	13 M. H.
Walter Eugene Foster	<i>Langdon, N. H.</i>	11 S. C.
Robbins Gilman	<i>Yonkers, N. Y.</i>	Mr. Sanford's
Thomas Pim Goodbody	<i>Paterson, N. J.</i>	37 M. H.
Luther Griswold Goodrich	<i>Dryden, N. Y.</i>	1 E. C.
Grosvenor Grannis	<i>Sing Sing, N. Y.</i>	14 M. H.
Joseph Ambrose Hall	<i>Brookline</i>	8 M. H.
Joel Hatheway	<i>Peru</i>	30 W. C.

Alexander Henderson	<i>Brookline</i>	17 C. H.
Thomas Dyer Henderson	<i>Pulaski, N. Y.</i>	30 W. C.
Leonard Brooks Herrick	<i>Cleveland, O.</i>	16 M. H.
Rufus Percival Hibbard	<i>Gloucester</i>	6 S. C.
James Mandly Hills	<i>Brooklyn, N. Y.</i>	Dr. Lefavour's
Vernon Dayton Holbrook	<i>Morrisville, Vt.</i>	18 E. C.
Albert Hopkins	<i>Kansas City, Mo.</i>	14 C. H.
Louis Philip Hoster	<i>Columbus, O.</i>	Mr. Danforth's
Llewellyn Judson Howe	<i>Troy, N. Y.</i>	16 E. C.
John Gale Hun	<i>Albany, N. Y.</i>	34 M. H.
Stewart William Irwin	<i>West Hebron, N. Y.</i>	32 W. C.
Romeyn Buckbee Jansen	<i>Fonda, N. Y.</i>	36 M. H.
Leland Potter Jenks	<i>Williamstown</i>	1 K. H.
Harold Eddy Johnston	<i>Cohoes, N. Y.</i>	34 M. H.
Frederick Mensch Joiner	<i>Belvidere, N. Y.</i>	25 W. C.
Sydney Tucker Jones	<i>Albany, N. Y.</i>	20 M. H.
Arthur Charles Kaufman	<i>New York City</i>	6 M. H.
John Russell Keeler	<i>Canton, N. Y.</i>	13 M. H.
John Schufelt Kelley	<i>Walton, N. Y.</i>	16 W. C.
Walter Charles Kellogg	<i>Pittsfield</i>	7 E. C.
Herbert Henry Lehman	<i>New York City</i>	32 M. H.
George Glassy McKinley	<i>Orangeville, O.</i>	6 W. C.
Harry Levi Mann	<i>Fitchburg</i>	30 M. H.
Orland White Mason	<i>Winchendon</i>	16 W. C.
William Mather	<i>Utica, N. Y.</i>	Mr. N. F. Smith's
Edward Abner May	<i>Lee</i>	25 W. C.
James Tyler Maynard, Jr.	<i>West Newton</i>	2 S. C.
Henry Edwin Moffett	<i>Cleveland, O.</i>	3 M. H.
Herman Otto Mosenthal	<i>New York City</i>	12 M. H.
Ralph Mosher	<i>Albion, N. Y.</i>	11 W. C.
Fancher Nicoll	<i>New York City</i>	Mrs. Sutherland's
Herbert Lozene Packard	<i>West Cummington</i>	17 W. C.
Horace Dwight Patterson	<i>New York City</i>	. . . Lodge
David Hiram Ransom	<i>Lancaster, N. Y.</i>	38 M. H.
Frederick Rawcliffe	<i>Taunton</i>	8 W. C.
Paul Marshall Rea	<i>Exeter, N. H.</i>	14 W. C.

Harry Landon Rice	<i>Lansingburg, N. Y.</i>	21 W. C.
Albert Ambrose Richards	<i>West Winsted, Conn.</i>	16 E. C.
Everett Edwin Risley	<i>Utica, N. Y.</i>	Mr. N. F. Smith's
Elmore Preston Ross	<i>Springfield, O.</i>	Σ. Φ. Place
William Wickes Rossiter, Jr.	<i>Brooklyn, N. Y.</i>	17 M. H.
Edward Gould Rowland	<i>Lee</i>	7 E. C.
Harry Haynes Rowland	<i>Geneseo, N. Y.</i>	9 W. C.
Jaques Courtelyene Rushmore	<i>Brooklyn, N. Y.</i>	17 M. H.
William McMurtrie Rutter	<i>Chicago, Ill.</i>	5 M. H.
Walter Leslie Sargent	<i>Quincy</i>	6 S. C.
George Demarest Sears	<i>Buffalo, N. Y.</i>	3 K. H.
Louis Arthur Shane	<i>Portland Ore.</i>	8 E. C.
Theodore Merrell Shipherd	<i>Southold, N. Y.</i>	3 E. C.
Gideon Pitts Short	<i>Honeoye, N. Y.</i>	8 W. C.
Pierre Van Arsdale Smith	<i>Brooklyn, N. Y.</i>	14 M. H.
Victor Henry de Somoskeby	<i>Canandaigua, N. Y.</i>	Mrs. Wardwell's
Dana Levi Spring	<i>Franklinville, N. Y.</i>	35 M. H.
John Hunter Stearns	<i>Chicago, Ill.</i>	29 M. H.
Edward Francis Taylor	<i>Brooklyn, N. Y.</i>	24 W. C.
Henry Church Taylor	<i>Westfield</i>	22 M. H.
Edward Richmond Tinker	<i>Boston</i>	4 M. H.
Allen Sterling Titus	<i>Buffalo, N. Y.</i>	20 M. H.
Edwin Kellogg Trowbridge	<i>New York City</i>	28 M. H.
Henry Schuyler Van Ingen	<i>Kenosha, Wis.</i>	Mrs. Hart's
Harvey Judson Vary	<i>Skaneateles, N. Y.</i>	31 W. C.
Adelbert Seymour Watson	<i>Cohoes, N. Y.</i>	5 S. C.
Charles Thomas Whelan	<i>Auburn, N. Y.</i>	Mrs. Whelan's
Marcus Wilbur White	<i>Williamstown</i>	Mr. White's
Edwin Haight Whitehead	<i>Passaic, N. J.</i>	12 W. C.
Henry Clarence Whitehead	<i>Passaic, N. J.</i>	12 W. C.
Arthur Lawrence Whitely	<i>Evanston, Ill.</i>	33 M. H.
Edward Lyman Wilder	<i>Hoosick Falls, N. Y.</i>	3 S. C.
Irving Depew Wildey	<i>Albany, N. Y.</i>	15 W. C.
Herbert Ferron Wills	<i>North Adams</i>	2 K. H.
Ralph Lilly Wood	<i>Lansingburg, N. Y.</i>	19 W. C.

PARTIAL COURSE STUDENTS

George Alfred Cluett	<i>Troy, N. Y.</i>	Mr. Gavitt's
Warren Morse	<i>Williamstown</i>	Goodrich Hall

Ralph Spencer Keep	<i>Lockport, N. Y.</i>	Z. Ψ . House
Everett Henry Thayer	<i>Tarrytown, N. Y.</i>	K. A. Lodge
Edward Ashley Watson	<i>Brookline</i>	A. Δ . Φ . House
Russell Jones Wilbur	<i>Omaha, Neb.</i>	Σ . Φ . Place
William Czar Bradley	<i>Nyack, N. Y.</i>	26 M. H.
Clinton Churchill Clarke, Jr.	<i>Chicago, Ill.</i>	Mrs. Hart's
Allen Hamilton, 2d	<i>Fort Wayne, Ind.</i>	X. Ψ . House
Arthur Ketchum	<i>New York City</i>	5 M. H.
Rufus Tryon Lacombe	<i>Athens, N. Y.</i>	K. A. Lodge
Robert Oliver Ryder	<i>Andover</i>	Mr. Wheeler's
Henry Gassett Simmons	<i>Newport, R. I.</i>	9 C. H.
Allen Lawrence Winter	<i>Bloomington, Ill.</i>	18 M. H.
Louis O. Woods	<i>Morrison, Ill.</i>	A. Υ . House
John Meredith Woodward	<i>Brooklyn, N. Y.</i>	23 M. H.

James Patrick Birge	<i>St. Louis, Mo.</i>	X. Ψ . Lodge
Frank John Bruno	<i>Newark, N. J.</i>	3 S. C.
Charles Mayhew Carpenter	<i>Schuylerville, N. Y.</i>	3 M. H.
Ralph Starkweather Chandler	<i>Macomb, Ill.</i>	36 M. H.
Barak Gritman Coles, Jr.	<i>New York City</i>	Mr. Wheeler's
Alexander Diven Falck	<i>Elmira, N. Y.</i>	2 M. H.
Abram Dunn Gillette	<i>New York City</i>	Σ . Φ . Place
Lewis Edward Howard	<i>Buffalo, N. Y.</i>	38 M. H.
Harold Eliphalet Hoyt	<i>Cambridge, N. Y.</i>	Mr. Prindle's
Jesse William Lindsay	<i>Rochester, N. Y.</i>	Mr. Gavitt's
John Saunders Oakman	<i>Pittsfield</i>	8 E. C.
Phinehas Prouty	<i>Rochester, N. Y.</i>	Σ . Φ . Place
Norman Burt Sherry	<i>Troy, N. Y.</i>	31 M. H.
Harold Thomson Sloper	<i>New Britain, Conn.</i>	30 M. H.
Deane Culver Smith	<i>New York City</i>	31 W. C.

Robert Wickersham Stimson	<i>Pasadena, Cal.</i>	18 C. H.
Isaac Henry Vrooman, Jr.	<i>Albany, N. Y.</i>	32 M. H.
James Grant Wallace	<i>Omaha, Neb.</i>	Mrs. Whelan's
John Putnam Wilkes	<i>Grand Rapids, Mich.</i>	37 M. H.

PARTIAL COURSE, 35

SUMMARY

GRADUATE STUDENTS	.	.	.	.	.	13
SENIORS	{	COURSE WITH GREEK	.	.	.	62
		COURSE WITHOUT GREEK	.	.	.	2
JUNIORS	{	COURSE WITH GREEK	.	.	.	65
		COURSE WITHOUT GREEK	.	.	.	4
SOPHOMORES	{	COURSE WITH GREEK	.	.	.	52
		COURSE WITHOUT GREEK	.	.	.	10
FRESHMEN	{	COURSE WITH GREEK	.	.	.	101
		COURSE WITHOUT GREEK	.	.	.	11
PARTIAL COURSE	.	.	.	.	.	35
TOTAL						355

SUMMARY BY STATES

NEW YORK	.	.	.	.	.	157
MASSACHUSETTS	.	.	.	.	.	100
OHIO	.	.	.	.	.	17
ILLINOIS	.	.	.	.	.	15
NEW JERSEY	.	.	.	.	.	9
VERMONT	.	.	.	.	.	9
MISSOURI	.	.	.	.	.	6
CONNECTICUT	.	.	.	.	.	5
NEW HAMPSHIRE	.	.	.	.	.	5
PENNSYLVANIA	.	.	.	.	.	4
MICHIGAN	.	.	.	.	.	3
MINNESOTA	.	.	.	.	.	3
NEBRASKA	.	.	.	.	.	3
WISCONSIN	.	.	.	.	.	3
COLORADO	.	.	.	.	.	2
MAINE	.	.	.	.	.	2
OREGON	.	.	.	.	.	2
VIRGINIA	.	.	.	.	.	2
CALIFORNIA	.	.	.	.	.	1
INDIANA	.	.	.	.	.	1
MARYLAND	.	.	.	.	.	1

RHODE ISLAND	I
TENNESSEE	I
UTAH	I
WASHINGTON, D. C.	I
TURKEY	I
	<hr/>
TOTAL	355
WHOLE NUMBER OF GRADUATES .	3,494

CATALOGUE
OF
WILLIAMS COLLEGE
1896-97

WILLIAMSTOWN, MASS.
PUBLISHED BY THE COLLEGE
1896

1897

JUNE. MAY. APR. MAR. FEB. JAN.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

CALENDAR

1896.

June 24.—COMMENCEMENT Wednesday

Summer Vacation of Thirteen Weeks

Sept. 22-23.—Examinations for Admission, Tuesday and Wednesday

Sept. 24.—College Year begins Thursday

Oct. 10.—Mountain Day, a holiday Saturday

Oct. 15.—Last day for registering for Master's Degree Thursday

Nov. 26.—Thanksgiving Day, a holiday Thursday

Dec. 12-17.—Semi-Annual Examinations . Saturday to Thursday

Dec. 17.—First Term ends Thursday

1897.

Winter Vacation of Twenty Days

Jan. 7.—Second Term begins Thursday

Jan. 28.—Day of Prayer for Colleges Thursday

Feb. 22.—Washington's Birthday, a holiday Monday

Mar. 30.—Second Term ends Tuesday

Recess of Eight Days

April 8.—Third Term begins Thursday

May 31.—For Memorial Day, a holiday Monday

June 7.—Senior Examinations begin Monday

June 14-18.—Semi-Annual Examinations . Monday to Friday

June 19.—Graves Prize Speaking Saturday evening

June 20.—Baccalaureate Sermon Sunday forenoon

June 20.—Mission Park Meeting Sunday afternoon

June 20.—Address before the Mills Y. M. C. A. . Sunday evening

June 21-22.—Examinations for Admission . Monday and Tuesday

June 22.—Alumni Meeting Tuesday forenoon

June 22.—Class Day Tuesday afternoon

June 22.—Prize Rhetorical Exhibition Tuesday evening

June 23.—COMMENCEMENT Wednesday

Summer Vacation of Thirteen Weeks

Sept. 21-22.—Examinations for Admission, Tuesday and Wednesday

Sept. 23.—College Year begins Thursday

Oct. 15.—Last day for registering for Master's Degree . Friday

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PRESIDENTS

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FRANKLIN CARTER, PH.D., LL.D., 1881-

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THE LIBRARIAN OF THE COLLEGE, *ex-officio*

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PROFESSOR LEVERETT W. SPRING

PROFESSOR SAMUEL F. CLARKE

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Emeritus Professor of Political Economy

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Field Memorial Professor of Astronomy

CYRUS MORRIS DODD, M.A.
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Garfield Professor of Ancient Languages

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Thomas T. Read Professor of Physics

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Instructor in Elocution and English

WARNER FITE, PH.D.
Dean of the Faculty

FRANK JEWETT MATHER, PH.D.
Instructor in English and Italian

HENRY McELDERRY KNOWER, PH.D.
Instructor in Biology

WILLIAMS COLLEGE

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Instructor in Chemistry

WILLIS ISBISTER MILHAM, M. A.
Instructor in Mathematics and Physics

JOHN POTTER CONGDON, B. A.
Assistant in Physics and Mathematics

CHARLES FREDERIC SEELEY
Director of the Gymnasium

WILLIAMS COLLEGE

The College owes its origin to an educational bequest of Colonel Ephraim Williams for the purpose of establishing "a Free School" in Williamstown. The charter of this school, which was granted March 8, 1785, reads as follows :

AN ACT for directing the use and appropriation of a charitable donation, made in a certain clause in the last will and testament of Ephraim Williams, Esq., for the support and maintenance of a Free School in Williamstown, in the County of Berkshire ; and for incorporating certain persons as trustees, in order more effectually to execute the intention of the testator, expressed in the same.

WHEREAS, Israel Williams, Esq., and John Worthington, Esq., executors of the last will and testament of Ephraim Williams, Esq., deceased, have represented to this court that the said Ephraim Williams, on the twenty-second day of July, Anno Domini one thousand seven hundred and fifty-five, made his last will and testament, in which after divers bequests, devises, and dispositions, is contained the following clause, viz. :

Item : " It is my will, desire, and pleasure that the remaining part of the lands, not yet disposed of, shall be sold at the discretion of my executors, within five years after an established peace ; and the interest of the money and also the interest arising from my bonds and notes shall be appropriated towards the support and maintenance of a Free School, in a township west of Fort Massachusetts, commonly called the West Township, forever ; provided, the said township shall fall within the jurisdiction of the province of Massachusetts Bay ; and provided, also, the Governor and General Court give the same township the name of Williamstown ; and it is further my will and desire, that if there should remain any monies of the said above donation for the school, it be given towards the support of a school in the East Township, where the fort now stands ; but in case the above provisos are not complied with, then it is my last will and choice that the interest of the above-mentioned monies be appropriated to some pious and charitable uses, in manner and form as above directed in the former part of my last will and testament."

And, whereas the said executors have further represented, that it may be

a matter of doubt and uncertainty whether the township mentioned in the above recited clause (which is now incorporated by the name of Williamstown) has so far fallen within the jurisdiction of the province of Massachusetts, now Commonwealth of Massachusetts, in the sense of the testator, as that they might be justified in appropriating the said donation to the support and maintenance of a Free School in the said town ; and have submitted their duty to the determination of this court, praying that an act may be passed to declare their duty, and to indemnify them in the execution of the same ;

SECTION 1. Be it enacted by the Senate and the House of Representatives, in General Court assembled, and by authority of the same, that the donation made in the clause before recited ought to be presently applied to the use and maintenance of a Free School in the town of Williamstown, in the County of Berkshire, and that in case the said donation shall afford an annual interest more than sufficient for the supporting and maintaining such school in Williamstown, then the surplusage be appropriated to the use and maintenance of a Free School in the tract of land called by the testator East Township, now incorporated by the name of Adams, with other lands applying and appropriating the said donation to the uses above expressed, and shall be liable to no action or suit in law or equity, on account of such appropriations.

And, whereas the said executors have further prayed that for carrying into complete execution the intention of the testator, a corporation may be created and vested with such powers as may be necessary for that purpose ;

SECTION 2. Be it therefore enacted by the authority aforesaid, that William Williams of Dalton, Theodore Sedgwick, Woodbridge Little, John Bacon, Thomson Joseph Skinner, Esquires, the Reverends Seth Swift and Daniel Collins, Mr. Israel Jones and Mr. David Noble, and their successors, to be elected and appointed as hereinafter directed and provided, be, and hereby are, incorporated, and shall be a corporation forever by the name of " The Trustees of the Donation of Ephraim Williams, Esq., for Maintaining a Free School in Williamstown " ; and that the said trustees and their successors be, and hereby are, vested with all the powers, rights, and immunities, which are by law incident to aggregate eleemosynary corporations.

SECTION 3. And be it further enacted, that the said corporation shall always consist of a number of not less than seven, nor more than nine persons, excepting only that wherever a vacancy shall happen by death, removal, refusal, or resignation of any member or members, so that the number be reduced to less than seven, the afore aid number, then the remaining or surviving trustees shall have full power to perform all corporate acts until such vacancy be supplied ; and the said trustees shall elect and appoint a clerk of the corporation, who shall fairly enter and record all

votes, acts, orders, and proceedings made, done, or passed by the trustees ; and shall elect a proper person to be their treasurer, who shall receive into his hands all monies belonging to the corporation, and pay the same pursuant to the order of the trustees, and shall always keep a fair account of all receipts and payments.

SECTION 4. And be it further enacted, that the power of electing and appointing successors in case of the death, removal, refusal, or resignation of any of the trustees be, and hereby is, vested solely in the Supreme Judicial Court of this Commonwealth ; and whenever any of the above mentioned cases shall happen, the trustees shall, as soon as conveniently may be, certify the same to the Justices of the said court, that a successor may be appointed ; and the Justices of the same court are hereby empowered to remove from office and trust any member of the corporation who shall, in their judgment, be unfit to hold the same, by reason of incapacity, misdemeanor, negligence, or breach of trust.

And to the intent that the said donation may not be wasted, mismanaged, or perverted from its original intention ;

SECTION 5. Be it further enacted by the authority aforesaid, that the said corporation, and the donation itself, shall always be under the visitation and direction of the Supreme Judicial Court, who are hereby empowered to visit the said corporation to rectify all abuses, to determine all matters of doubt or dispute touching the duty of the trustees, and the use, application, or appropriation of monies or interests to the same donation belonging ; and to make all such orders and regulations with respect to the use, management, and appropriation of the same donation and every part thereof, as they shall judge necessary or useful in order to promote the best interests of the school, according to the true meaning and intention of the testator and such laws of this Commonwealth as may be in force respecting the same ; and the said court, whenever they shall judge necessary, shall cause the said trustees to come before them, either to render an account of expenditures and dispositions of monies, or to answer for any mismanagement or breach of trust ; and the trustees shall appear and lay their accounts, papers, records, and corporation books before the said court for inspection, whenever they shall be required thereto.

SECTION 6. And be it further enacted that the said trustees and their successors for ever shall have the possession, management, and disposition of the whole interest and estate, real and personal, which is contained in and given, bequeathed, devised, or disposed of by the above recited clause in the will aforesaid ; and they are hereby empowered and directed, as soon as conveniently may be, to erect and maintain a Free School within the said town of Williamstown, for the instruction of youth, in such manner as most effectually to answer the pious, generous, and charitable intention of the testator, and agreeable to such orders and instructions as they may, from

time to time, receive from the Supreme Judicial Court ; and they are hereby empowered to appoint and employ instructors, masters, and officers, as shall be necessary for that purpose.

And to the intent that the said trustees may be enabled, in the most easy and expeditious manner, to receive in their own possession and management, the whole estate, property, and interest, contained in the aforesaid donation ;

SECTION 7. Be it further enacted by the authority aforesaid, that the said executors shall, at the request of the trustees, make and execute to the said trustees a deed or deeds of conveyance of all such lands or real estate as belong to said donation, and yet remain unsold, in which deed or deeds it shall be expressed that the executors do grant to the trustees the right, estate, and interest of the testator, and of themselves, in and to the described lands or tenements to the trustees and their successors forever ; and the said executors shall deliver over into the hands of the trustees, at their request, all such personal securities or mortgages as the executors now have in their own hands, and which are a part of the same donation ; all which securities, whether bonds, promissory notes, mortgage deeds, or of what name or description soever, being endorsed with the name of the said executors, or one of them, and delivered as aforesaid, shall become the property of the trustees to all intents and purposes ; and they are hereby empowered, in the name of the corporation, to bring any action or actions against the obligors, promissors, mortgagors, or tenants, for recovering the contents of the same securities or possession of mortgaged estates, which action or actions shall be holden to be good and valid in law for that purpose, as if the securities or mortgage deeds had been originally made to the trustees by their corporate names.

And, whereas the testator has directed, that in case his principal donation should afford an interest more than sufficient for the support and maintenance of the school in Williamstown, the surplusage should be improved to the use of a school in the East Township, now called Adams, in the said County of Berkshire ; and whereas questions and disputes may arise touching the (nature) meaning and extent of this part of the will, and when there may be said to be a surplusage beyond what should be necessary, according to the intent of testator, for the support of the school in Williamstown ;

SECTION 8. Be it further enacted, that in case of such surplusage, the said trustees are hereby empowered and directed to use and employ the same for erecting and supporting a Free School in the said town of Adams, in the same manner as has been in this act before provided in respect of the school in Williamstown ; and that all questions and disputes that may arise concerning such surplusage, and the duty of the trustees in respect of the several schools, shall be determined by the Supreme Judicial Court ; and the trustees shall always conform their conduct and administration herein to such

orders and determinations as shall, from time to time, be made by the same court.

SECTION 9. And be it further enacted, that the Supreme Judicial Court may, at their discretion, exercise all the powers vested in them by virtue of this act, at any of the sessions holden within the counties of Berkshire or Hampshire ; and in all trials at law, the court, ex-officio, shall take notice of this act to all intents and purposes whatsoever, and the same shall be given in evidence under any general issue.

At their first meeting, April 24, 1785, the trustees passed a resolution to the effect that "it is the sense of the corporation that the Free School in Williamstown be open and free for the use and benefit of the inhabitants of that town and of the free citizens of the American States indiscriminately." They also decided that "it will best coincide with the liberal views of the donor and the intention of the legislature to admit no pupil to the Free School * * * not having been taught to read English well."

As they found it difficult to collect the necessary funds for erecting a building the trustees sent a petition, August 19, 1788, to the legislature "for the grant of a lottery to raise the sum of twelve hundred pounds." The act was passed February 11, 1789, part of which is as follows :

WHEREAS, It appears that it would promote the education of youth to erect a suitable building for the accommodation of the Free School in Williamstown, and the trustees of said school have represented their inability to accomplish the same without the aid of the legislature, and have requested that a lottery may be granted for that purpose :

Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, that there be, and hereby is granted a lottery, for raising a sum not exceeding twelve hundred pounds, the profits of which, after paying the necessary expenses of managing the same, shall be applied for the purpose of erecting the aforesaid building.

The initial step toward a transformation of the Free School into a college was taken at a meeting of the trustees, May 23, 1792. In a petition to the legislature they "humbly showed" what had been done already, and set forth the "several cir-

cumstances attending the situation of the Free School * * *
 peculiarly favorable to a seminary of a more public and im-
 portant nature. The petition was granted, and an act to
 establish the College and to transfer to it the property of the
 Free School was passed June 22, 1793 :

Be it enacted by the Senate and House of Representatives in General
 Court assembled, and by the authority of the same, that there be erected
 and established, in the town of Williamstown, in the County of Berkshire,
 a college, for the purpose of educating youth, to be called and known by
 the name of Williams College to be under the government and regulation of
 a body politic and corporate as hereafter in this act is provided.

* * * * *

And be it further enacted by the authority aforesaid, that the clear rents,
 issues, and profits of all the estate, real and personal, of which the said
 corporation shall be seized or possessed, shall be appropriated to the endow-
 ment of said College in such a manner as shall most effectually promote
 virtue and piety and the knowledge of such of the languages and of the
 liberal arts and sciences as shall hereafter be directed from time to time by
 the said corporation.

* * * * *

And be it further enacted by the authority aforesaid, that all the property,
 real and personal, belonging to the trustees of Williamstown Free School,
 be, and the same hereby is vested in the corporation, which by this act is
 created.

And be it further enacted by the authority aforesaid, that there be, and
 hereby is granted to the trustees of Williams College, for the use, benefit,
 and purpose of supporting said college, twelve hundred pounds, to be paid
 out of the treasury of this Commonwealth ; three hundred pounds of the
 same to be paid the first day of September, one thousand seven hundred
 and ninety-three, and three hundred pounds annually, on the first day of
 September, for the three succeeding years.

February 26, 1796, an additional act was passed, as follows :

WHEREAS, Doubts have arisen, whether the rights and credits which,
 previous to passing the act aforesaid, were vested in and belonging to the
 trustees of the donation of EPHRAIM WILLIAMS, Esquire, for maintaining a
 Free School in WILLIAMSTOWN, are by virtue of the same act transferred
 to and vested in the Corporation of the PRESIDENT AND TRUSTEES OF
 WILLIAMS COLLEGE :

Be it therefore enacted by the Senate and House of Representatives, in General Court assembled, and by the authority of the same, that the said rights and credits be and hereby are transferred to and vested in the said Corporation of the PRESIDENT AND TRUSTEES OF WILLIAMS COLLEGE, who are hereby authorized to commence and prosecute to final judgment and execution, any suit or action in law or equity, which the said trustees of the donation of EPHRAIM WILLIAMS, Esquire, for maintaining a free school in WILLIAMSTOWN, might heretofore have commenced or prosecuted.

On petition of the trustees the legislature passed an act February 4, 1796, granting the college two townships of land "of the contents of six miles square each, to be laid out and assigned from any of the unappropriated lands belonging to this Commonwealth in the district of Maine." The act provided that the trustees "shall cause to be settled fifteen families in each of said townships within twelve years from the passing this resolve; and also that there be reserved in each township three lots of three hundred and twenty acres each for the following uses, viz., one lot for the first settled minister, one lot for the use of the ministry, and one lot for the use of schools in each of said townships." These lands were sold for about \$10,000, and the proceeds devoted to building East College.

Nine years later the college again appealed to the legislature for assistance. A committee of that body, which investigated the condition and prospects of the institution made the following report, February 19, 1805 :

The Committee of both Houses, to whom was referred the petition of the President and Trustees of Williams College, praying the aid of government to enable them to build a chapel for the performance of divine service, and for keeping the college library and apparatus, having examined the origin, rise, and progress of the seminary, from its institution to the present time, together with the aid heretofore afforded by the government, and the existing state of its funds, beg leave to observe, That the funds granted by the original donor and the government have, in the opinion of the Committee, been judiciously applied to the object of the institution, and with success exceeding the most sanguine expectations, and that the present state of the college affords a reasonable and pleasing expectation of its future ex-

FACULTY AND OFFICERS

FRANKLIN CARTER, PH.D., I.L.D.
President, and Barclay Jermain Professor of Natural Theology

REV. JOHN BASCOM, D.D., LL.D.
Acting Orrin Sage Professor of Political Economy

REV. ARTHUR LATHAM PERRY, D.D., LL.D.
Emeritus Professor of Political Economy

TRUMAN HENRY SAFFORD, PH.D.
Field Memorial Professor of Astronomy

CYRUS MORRIS DODD, M.A.
Professor of Mathematics

JOHN HASKELL HEWITT, LL.D.
Garfield Professor of Ancient Languages

REV. EBEN BURT PARSONS, D.D.
Registrar, and Secretary of the Faculty

Jackson Professor of Christian Theology, and Pastor of the College Church

REV. LEVERETT WILSON SPRING, D.D.
Morris Professor of Rhetoric

ORLANDO MARCELLUS FERNALD, M.A.
Lawrence Professor of the Greek Language and Literature

REV. CHARLES HENRY BURR, B.A.
Librarian, and Instructor in Biblical Literature

RICHARD AUSTIN RICE, M.A.
J. Leland Miller Professor of American History, Literature, and Eloquence

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Professor of the German Language and Literature

JOHN EDWARD RUSSELL, M.A.
Mark Hopkins Professor of Intellectual and Moral Philosophy

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Assistant Professor of the Romance Languages

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Thomas T. Read Professor of Physics

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Assistant Professor of Biology

HENRY DANIEL WILD, M.A.
Massachusetts Professor of the Latin Language and Literature

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Instructor in Geology and Botany

REV. STEPHEN TRACY LIVINGSTON, B.A.
Instructor in Elocution and English

WARNER FITE, PH.D.
Dean of the Faculty

FRANK JEWETT MATHER, PH.D.
Instructor in English and Italian

HENRY McELDERRY KNOWER, PH.D.
Instructor in Biology

WILLIAMS COLLEGE

EDWARD BARTOW, PH. D.
Instructor in Chemistry

WILLIS ISBISTER MILHAM, M. A.
Instructor in Mathematics and Physics

JOHN POTTER CONGDON, B. A.
Assistant in Physics and Mathematics

CHARLES FREDERIC SEELEY
Director of the Gymnasium

WILLIAMS COLLEGE

The College owes its origin to an educational bequest of Colonel Ephraim Williams for the purpose of establishing "a Free School" in Williamstown. The charter of this school, which was granted March 8, 1785, reads as follows :

AN ACT for directing the use and appropriation of a charitable donation, made in a certain clause in the last will and testament of Ephraim Williams, Esq., for the support and maintenance of a Free School in Williamstown, in the County of Berkshire ; and for incorporating certain persons as trustees, in order more effectually to execute the intention of the testator, expressed in the same.

WHEREAS, Israel Williams, Esq., and John Worthington, Esq., executors of the last will and testament of Ephraim Williams, Esq., deceased, have represented to this court that the said Ephraim Williams, on the twenty-second day of July, Anno Domini one thousand seven hundred and fifty-five, made his last will and testament, in which after divers bequests, devises, and dispositions, is contained the following clause, viz. :

Item : " It is my will, desire, and pleasure that the remaining part of the lands, not yet disposed of, shall be sold at the discretion of my executors, within five years after an established peace ; and the interest of the money and also the interest arising from my bonds and notes shall be appropriated towards the support and maintenance of a Free School, in a township west of Fort Massachusetts, commonly called the West Township, forever ; provided, the said township shall fall within the jurisdiction of the province of Massachusetts Bay ; and provided, also, the Governor and General Court give the same township the name of Williamstown ; and it is further my will and desire, that if there should remain any monies of the said above donation for the school, it be given towards the support of a school in the East Township, where the fort now stands ; but in case the above provisos are not complied with, then it is my last will and choice that the interest of the above-mentioned monies be appropriated to some pious and charitable uses, in manner and form as above directed in the former part of my last will and testament."

And, whereas the said executors have further represented, that it may be

a matter of doubt and uncertainty whether the township mentioned in the above recited clause (which is now incorporated by the name of Williamstown) has so far fallen within the jurisdiction of the province of Massachusetts, now Commonwealth of Massachusetts, in the sense of the testator, as that they might be justified in appropriating the said donation to the support and maintenance of a Free School in the said town ; and have submitted their duty to the determination of this court, praying that an act may be passed to declare their duty, and to indemnify them in the execution of the same ;

SECTION 1. Be it enacted by the Senate and the House of Representatives, in General Court assembled, and by authority of the same, that the donation made in the clause before recited ought to be presently applied to the use and maintenance of a Free School in the town of Williamstown, in the County of Berkshire, and that in case the said donation shall afford an annual interest more than sufficient for the supporting and maintaining such school in Williamstown, then the surplusage be appropriated to the use and maintenance of a Free School in the tract of land called by the testator East Township, now incorporated by the name of Adams, with other lands applying and appropriating the said donation to the uses above expressed, and shall be liable to no action or suit in law or equity, on account of such appropriations.

And, whereas the said executors have further prayed that for carrying into complete execution the intention of the testator, a corporation may be created and vested with such powers as may be necessary for that purpose ;

SECTION 2. Be it therefore enacted by the authority aforesaid, that William Williams of Dalton, Theodore Sedgwick, Woodbridge Little, John Bacon, Thomson Joseph Skinner, Esquires, the Reverends Seth Swift and Daniel Collins, Mr. Israel Jones and Mr. David Noble, and their successors, to be elected and appointed as hereinafter directed and provided, be, and hereby are, incorporated, and shall be a corporation forever by the name of " The Trustees of the Donation of Ephraim Williams, Esq., for Maintaining a Free School in Williamstown " ; and that the said trustees and their successors be, and hereby are, vested with all the powers, rights, and immunities, which are by law incident to aggregate eleemosynary corporations.

SECTION 3. And be it further enacted, that the said corporation shall always consist of a number of not less than seven, nor more than nine persons, excepting only that wherever a vacancy shall happen by death, removal, refusal, or resignation of any member or members, so that the number be reduced to less than seven, the afore-said number, then the remaining or surviving trustees shall have full power to perform all corporate acts until such vacancy be supplied ; and the said trustees shall elect and appoint a clerk of the corporation, who shall fairly enter and record all

votes, acts, orders, and proceedings made, done, or passed by the trustees ; and shall elect a proper person to be their treasurer, who shall receive into his hands all monies belonging to the corporation, and pay the same pursuant to the order of the trustees, and shall always keep a fair account of all receipts and payments.

SECTION 4. And be it further enacted, that the power of electing and appointing successors in case of the death, removal, refusal, or resignation of any of the trustees be, and hereby is, vested solely in the Supreme Judicial Court of this Commonwealth ; and whenever any of the above mentioned cases shall happen, the trustees shall, as soon as conveniently may be, certify the same to the Justices of the said court, that a successor may be appointed ; and the Justices of the same court are hereby empowered to remove from office and trust any member of the corporation who shall, in their judgment, be unfit to hold the same, by reason of incapacity, misdemeanor, negligence, or breach of trust.

And to the intent that the said donation may not be wasted, mismanaged, or perverted from its original intention ;

SECTION 5. Be it further enacted by the authority aforesaid, that the said corporation, and the donation itself, shall always be under the visitation and direction of the Supreme Judicial Court, who are hereby empowered to visit the said corporation to rectify all abuses, to determine all matters of doubt or dispute touching the duty of the trustees, and the use, application, or appropriation of monies or interests to the same donation belonging ; and to make all such orders and regulations with respect to the use, management, and appropriation of the same donation and every part thereof, as they shall judge necessary or useful in order to promote the best interests of the school, according to the true meaning and intention of the testator and such laws of this Commonwealth as may be in force respecting the same ; and the said court, whenever they shall judge necessary, shall cause the said trustees to come before them, either to render an account of expenditures and dispositions of monies, or to answer for any mismanagement or breach of trust : and the trustees shall appear and lay their accounts, papers, records, and corporation books before the said court for inspection, whenever they shall be required thereto.

SECTION 6. And be it further enacted that the said trustees and their successors for ever shall have the possession, management, and disposition of the whole interest and estate, real and personal, which is contained in and given, bequeathed, devised, or disposed of by the above recited clause in the will aforesaid ; and they are hereby empowered and directed, as soon as conveniently may be, to erect and maintain a Free School within the said town of Williamstown, for the instruction of youth, in such manner as most effectually to answer the pious, generous, and charitable intention of the testator, and agreeable to such orders and instructions as they may, from

time to time, receive from the Supreme Judicial Court ; and they are hereby empowered to appoint and employ instructors, masters, and officers, as shall be necessary for that purpose.

And to the intent that the said trustees may be enabled, in the most easy and expeditious manner, to receive in their own possession and management, the whole estate, property, and interest, contained in the aforesaid donation ;

SECTION 7. Be it further enacted by the authority aforesaid, that the said executors shall, at the request of the trustees, make and execute to the said trustees a deed or deeds of conveyance of all such lands or real estate as belong to said donation, and yet remain unsold, in which deed or deeds it shall be expressed that the executors do grant to the trustees the right, estate, and interest of the testator, and of themselves, in and to the described lands or tenements to the trustees and their successors forever ; and the said executors shall deliver over into the hands of the trustees, at their request, all such personal securities or mortgages as the executors now have in their own hands, and which are a part of the same donation ; all which securities, whether bonds, promissory notes, mortgage deeds, or of what name or description soever, being endorsed with the name of the said executors, or one of them, and delivered as aforesaid, shall become the property of the trustees to all intents and purposes ; and they are hereby empowered, in the name of the corporation, to bring any action or actions against the obligors, promissors, mortgagors, or tenants, for recovering the contents of the same securities or possession of mortgaged estates, which action or actions shall be holden to be good and valid in law for that purpose, as if the securities or mortgage deeds had been originally made to the trustees by their corporate names.

And, whereas the testator has directed, that in case his principal donation should afford an interest more than sufficient for the support and maintenance of the school in Williamstown, the surplusage should be improved to the use of a school in the East Township, now called Adams, in the said County of Berkshire ; and whereas questions and disputes may arise touching the (nature) meaning and extent of this part of the will, and when there may be said to be a surplusage beyond what should be necessary, according to the intent of testator, for the support of the school in Williamstown ;

SECTION 8. Be it further enacted, that in case of such surplusage, the said trustees are hereby empowered and directed to use and employ the same for erecting and supporting a Free School in the said town of Adams, in the same manner as has been in this act before provided in respect of the school in Williamstown ; and that all questions and disputes that may arise concerning such surplusage, and the duty of the trustees in respect of the several schools, shall be determined by the Supreme Judicial Court ; and the trustees shall always conform their conduct and administration herein to such

orders and determinations as shall, from time to time, be made by the same court.

SECTION 9. And be it further enacted, that the Supreme Judicial Court may, at their discretion, exercise all the powers vested in them by virtue of this act, at any of the sessions holden within the counties of Berkshire or Hampshire ; and in all trials at law, the court, ex-officio, shall take notice of this act to all intents and purposes whatsoever, and the same shall be given in evidence under any general issue.

At their first meeting, April 24, 1785, the trustees passed a resolution to the effect that "it is the sense of the corporation that the Free School in Williamstown be open and free for the use and benefit of the inhabitants of that town and of the free citizens of the American States indiscriminately." They also decided that "it will best coincide with the liberal views of the donor and the intention of the legislature to admit no pupil to the Free School * * * not having been taught to read English well."

As they found it difficult to collect the necessary funds for erecting a building the trustees sent a petition, August 19, 1788, to the legislature "for the grant of a lottery to raise the sum of twelve hundred pounds." The act was passed February 11, 1789, part of which is as follows :

WHEREAS, It appears that it would promote the education of youth to erect a suitable building for the accommodation of the Free School in Williamstown, and the trustees of said school have represented their inability to accomplish the same without the aid of the legislature, and have requested that a lottery may be granted for that purpose :

Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, that there be, and hereby is granted a lottery, for raising a sum not exceeding twelve hundred pounds, the profits of which, after paying the necessary expenses of managing the same, shall be applied for the purpose of erecting the aforesaid building.

The initial step toward a transformation of the Free School into a college was taken at a meeting of the trustees, May 23, 1792. In a petition to the legislature they "humbly showed" what had been done already, and set forth the "several cir-

cumstances attending the situation of the Free School * * *
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 portant nature. The petition was granted, and an act to
 establish the College and to transfer to it the property of the
 Free School was passed June 22, 1793 :

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 Court assembled, and by the authority of the same, that there be erected
 and established, in the town of Williamstown, in the County of Berkshire,
 a college, for the purpose of educating youth, to be called and known by
 the name of Williams College to be under the government and regulation of
 a body politic and corporate as hereafter in this act is provided.

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And be it further enacted by the authority aforesaid, that the clear rents,
 issues, and profits of all the estate, real and personal, of which the said
 corporation shall be seized or possessed, shall be appropriated to the endow-
 ment of said College in such a manner as shall most effectually promote
 virtue and piety and the knowledge of such of the languages and of the
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 the said corporation.

* * * * *

And be it further enacted by the authority aforesaid, that all the property,
 real and personal, belonging to the trustees of Williamstown Free School,
 be, and the same hereby is vested in the corporation, which by this act is
 created.

And be it further enacted by the authority aforesaid, that there be, and
 hereby is granted to the trustees of Williams College, for the use, benefit,
 and purpose of supporting said college, twelve hundred pounds, to be paid
 out of the treasury of this Commonwealth ; three hundred pounds of the
 same to be paid the first day of September, one thousand seven hundred
 and ninety-three, and three hundred pounds annually, on the first day of
 September, for the three succeeding years.

February 26, 1796, an additional act was passed, as follows :

WHEREAS, Doubts have arisen, whether the rights and credits which,
 previous to passing the act aforesaid, were vested in and belonging to the
 trustees of the donation of EPHRAIM WILLIAMS, Esquire, for maintaining a
 Free School in WILLIAMSTOWN, are by virtue of the same act transferred
 to and vested in the Corporation of the PRESIDENT AND TRUSTEES OF
 WILLIAMS COLLEGE :

Be it therefore enacted by the Senate and House of Representatives, in General Court assembled, and by the authority of the same, that the said rights and credits be and hereby are transferred to and vested in the said Corporation of the PRESIDENT AND TRUSTEES OF WILLIAMS COLLEGE, who are hereby authorized to commence and prosecute to final judgment and execution, any suit or action in law or equity, which the said trustees of the donation of EPHRAIM WILLIAMS, Esquire, for maintaining a free school in WILLIAMSTOWN, might heretofore have commenced or prosecuted.

On petition of the trustees the legislature passed an act February 4, 1796, granting the college two townships of land "of the contents of six miles square each, to be laid out and assigned from any of the unappropriated lands belonging to this Commonwealth in the district of Maine." The act provided that the trustees "shall cause to be settled fifteen families in each of said townships within twelve years from the passing this resolve ; and also that there be reserved in each township three lots of three hundred and twenty acres each for the following uses, viz., one lot for the first settled minister, one lot for the use of the ministry, and one lot for the use of schools in each of said townships." These lands were sold for about \$10,000, and the proceeds devoted to building East College.

Nine years later the college again appealed to the legislature for assistance. A committee of that body, which investigated the condition and prospects of the institution made the following report, February 19, 1805 :

The Committee of both Houses, to whom was referred the petition of the President and Trustees of Williams College, praying the aid of government to enable them to build a chapel for the performance of divine service, and for keeping the college library and apparatus, having examined the origin, rise, and progress of the seminary, from its institution to the present time, together with the aid heretofore afforded by the government, and the existing state of its funds, beg leave to observe, That the funds granted by the original donor and the government have, in the opinion of the Committee, been judiciously applied to the object of the institution, and with success exceeding the most sanguine expectations, and that the present state of the college affords a reasonable and pleasing expectation of its future ex-

tensive benefits to society, and that a chapel for the purposes above mentioned would essentially promote the same ; and as the encouragement and grants of the government to that college have not been equal to those made to other seminaries in the Commonwealth, the Committee ask leave to report the following Resolve :

Resolved, For reasons set forth in the petition, that there be and hereby is granted one township of land of the contents of six miles square to be laid out and assigned from any of the unappropriated lands belonging to the Commonwealth, in the District of Maine, except the ten townships lately purchased of the Penobscot Indians. * * *

In 1809 the legislature granted another township of land in Maine "for further aid in support of Williams College and for the erecting of other buildings for the convenience of the institution and for sustaining a professor of the Oriental languages." The sum of \$9,500 was realized from the last two townships.

The legislature passed an act Feb. 24, 1814, "for the Encouragement of Literature, Piety and Morality and the Useful Arts and Sciences," and appropriated the taxes due to the Commonwealth from the Massachusetts Bank, "for the ten years next to come," to Harvard, Williams, and Bowdoin. Of this fund Williams received "three sixteenth parts," which amounted to \$30,000. In 1859 the State gave the college \$25,000, and in 1868, \$75,000. The total of these legislative gifts is \$153,500.

The principal college buildings, with the dates of their erection and their approximate cost, are as follows : West College, 1790, \$11,700 ; East College, 1798, \$12,400—burned in 1841, rebuilt, 1842, \$7,000 ; South College, 1842, \$5,090 ; Griffin Hall Chapel, 1828, \$10,000 ; Hopkins Observatory, 1837, \$3,000 ; Lawrence Hall Library, 1846, \$7,000 ; Kellogg Hall, 1847, \$5,000 ; Jackson Hall, 1856, \$4,000 ; Alumni Hall Chapel, 1859, \$20,000 ; Goodrich Hall, 1864, \$25,000 ; College Hall, 1872, \$5,000 ; Clark Hall, 1882, \$25,000 ; Field Memorial Observatory, 1882, \$8,000 ; Morgan Hall, 1882, \$82,400 ; Lasell Gymnasium, 1886, \$50,000 ; Library Extension, 1890, \$10,000 ; Hopkins Memorial Hall, 1890, \$87,800 ; Thompson

Chemical Laboratory, 1892, \$60,000 ; Thompson Physical Laboratory, 1893, \$60,000 ; Thompson Biological Laboratory, 1893, \$60,000 ; College Infirmary, \$10,000. Total, \$568,390.

The corporate name of the college is **THE PRESIDENT AND TRUSTEES OF WILLIAMS COLLEGE.**

TERMS OF ADMISSION

Each candidate for admission must present a testimonial of good character from the teacher under whom he was prepared for college.

Candidates for admission to the Freshman class must present satisfactory qualifications in one of the following groups of subjects, the work covered by each subject being given in detail below. Groups I., II., III., IV., and V. admit to the course leading to the degree of Bachelor of Arts; Group VI. admits students to a partial course not leading to a degree, but permitting them to take such college courses as they are prepared to pursue, subject to the conditions specified on page 26.

<p>GROUP I.</p> <p>History I. Mathematics I. English Latin Greek</p>	<p>GROUP II.</p> <p>History I. or II. Mathematics I. English Latin French I. French II.</p>
<p>GROUP III.</p> <p>History I. or II. Mathematics I. English Latin German I. German II.</p>	<p>GROUP IV.</p> <p>History I. or II. Mathematics I. Mathematics II. English Latin French I.</p>
<p>GROUP V.</p> <p>History I. or II. Mathematics I. Mathematics II. English Latin German I.</p>	<p>GROUP VI. (Partial Course)</p> <p>* History I., II., or III. Mathematics I. English { Latin or French I. or German I.</p>

* If Latin is offered, History I. or II. is required, otherwise the candidate may present either History I., II., or III.

DETAILS OF SUBJECTS

HISTORY I.—Greek to the death of Alexander, and Roman to the reign of Augustus. Smith's *Smaller History of Greece*, Oman's or Myers's *History of Greece*, and Leighton's *History of Rome* are recommended. The related Geography is also included.

HISTORY II.—Roman to the reign of Augustus, and either Montgomery's *English History* or Montgomery's *American History*, or equivalents. Leighton's *History of Rome* is recommended. The related Geography is also included.

HISTORY III.—Montgomery's *English History* and Montgomery's *American History*, or equivalents. The related Geography is also included.

ENGLISH.—Two sets of books are prescribed for preparation in English, one for reading, the other for more careful study. No candidate will be accepted in English whose work is notably deficient in point of spelling, punctuation, idiom, or division into paragraphs. The examination will consist of two parts :

(a) *Reading and Practice.*—The candidate will be required to present evidence of a general knowledge of the subject-matter of the books assigned, and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of a part or the whole of this test, the candidate may be allowed to present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the books.

The books set for this part of the examination will be :

1897.—Shakspeare's *As You Like It* ; Defoe's *History of the Plague in London* ; Irving's *Tales of a Traveller* ; Hawthorne's *Twice Told Tales* ; Longfellow's *Evangeline* ; George Eliot's *Silas Marner*.

1898.—Milton's *Paradise Lost*, Books I. and II. ; Pope's *Iliad*, Books I. and XXII. ; The *Sir Roger de Coverley Papers* in *The Spectator* ; Goldsmith's *The Vicar of Wakefield* ; Coleridge's *The Ancient Mariner* ; Southey's *Life of Nelson* ; Carlyle's *Essay on Burns* ; Lowell's *The Vision of Sir Launfal* ; Hawthorne's *The House of the Seven Gables*.

1899.—Dryden's *Palamon and Arcite*; Pope's *Iliad*, Books I., VI., XXII., and XXIV.; The *Sir Roger de Coverley Papers* in *The Spectator*; Goldsmith's *The Vicar of Wakefield*; Coleridge's *The Ancient Mariner*; De Quincey's *The Flight of a Tartar Tribe*; Cooper's *The Last of the Mohicans*; Lowell's *The Vision of Sir Launfal*; Hawthorne's *The House of the Seven Gables*.

1900.—Dryden's *Palamon and Arcite*; Pope's *Iliad*, Books I., VI., XXII., and XXIV.; The *Sir Roger de Coverley Papers* in *The Spectator*; Goldsmith's *The Vicar of Wakefield*; Scott's *Ivanhoe*; De Quincey's *The Flight of a Tartar Tribe*; Cooper's *The Last of the Mohicans*; Tennyson's *The Princess*; Lowell's *The Vision of Sir Launfal*.

(b) *Study and Practice*.—This part of the examination presupposes a more careful study of each of the works named below. The examination will be upon subject-matter, form, and structure, and will also test the candidate's ability to express his knowledge with clearness and accuracy. The books set for this part of the examination will be:

1897.—Shakspeare's *Merchant of Venice*; Burke's *Speech on Conciliation with America*; Scott's *Marmion*; Macaulay's *Life of Samuel Johnson*.

1898.—Shakspeare's *Macbeth*; Burke's *Speech on Conciliation with America*; De Quincey's *Flight of a Tartar Tribe*; Tennyson's *The Princess*.

1899.—Shakspeare's *Macbeth*; Milton's *Paradise Lost*, Books I. and II.; Burke's *Speech on Conciliation with America*; Carlyle's *Essay on Burns*.

1900.—Shakspeare's *Macbeth*; Milton's *Paradise Lost*, Books I. and II.; Burke's *speech on Conciliation with America*; Macaulay's *Essays on Milton and Addison*.

MATHEMATICS I.—Algebra, through Quadratic Equations, including Radical Quantities and Simultaneous Quadratics. Plane Geometry.

MATHEMATICS II.—(a) Algebra: imaginaries, inequalities, ratio and proportion, arithmetical, geometrical, and harmonical progressions, binomial theorem (with positive, negative, and fractional exponents), undetermined coefficients, reversion of series, logarithms, continued fractions, permutations, and combinations, as much as is treated in Wentworth's or Wells's *College Algebra*. (b) Solid Geometry, as much as is contained in the ordinary text-books, such as Wentworth, Wells, or Newcomb (Books VII.—XI.). The examination

will also include problems and propositions for original demonstration dependent on easy deductions from the standard propositions given in the text-books. (c) Plane Trigonometry including Goniometry and the practical use of Logarithmic Tables, as much as is contained in the first eight chapters of Chauvenet's Treatise (omitting the fine print), the first four chapters of Wentworth, or the first seven chapters of Wells.

LATIN.—Grammar, Allen and Greenough's, Gildersleeve's (Lodge) or Harkness's; translation of connected English passages into Latin prose; Cæsar, four books; Cicero, six orations, to be specified in the certificate; Vergil, six books of the *Æneid*, including prosody, and, in addition, either the *Bucolics* or the seventh and eighth books of the *Æneid*; translation at sight of passages from Nepos and the *Metamorphoses* of Ovid. Equivalents from other authors will be accepted in part. Candidates are expected to pronounce Latin according to the Roman method as set forth in Allen and Greenough's Latin Grammar, § 16, or Harkness's §§ 5, 6, and 7. Harper's Latin Dictionary is recommended.

GREEK.—Hadley and Allen's or Goodwin's Grammar; translation of simple English sentences into Greek; Xenophon, four books of the *Anabasis*; Homer, three books of the *Iliad*; translation at sight of passages from easy Greek prose. One hundred and twelve pages of Goodwin's Greek Reader will be accepted as an equivalent for four books of the *Anabasis*. Candidates are expected to pronounce Greek according to the written accents, and in conformity with §§ 11, 14, 19, 20, and 21 of Hadley and Allen, or according to Goodwin's preface and § 28 of his revised edition. For Greek Prose Composition, Jones, Woodruff, Collar and Daniell, or Allinson (pages 105–121) is recommended. The seventh unabridged edition or the intermediate (but not the abridged) edition of Liddell and Scott's Greek Lexicon is also recommended. In order to help pupils to form a correct style, teachers are requested to insist upon the use of simple and idiomatic English in translating Latin and Greek.

FRENCH I.—The Elementary Examination will be adapted to the proficiency of those who have studied French in a systematic course of five hours a week for *one* year. It will consist of two parts (which, however, cannot be taken separately): (a) The translation at sight of ordinary prose. The passages set for translation will be suited to candidates who have read not less than four hundred duodecimo pages from

the works of at least three different authors ; this amount includes sight reading done in the class. Not more than half the reading should be from works of fiction. It is important that all translation be done into clear and idiomatic English. (b) The translation into French of English sentences and of a short connected passage, to test the candidate's familiarity with elementary grammar. Elementary grammar is understood to include the conjugation of regular and the more usual irregular verbs, such as *aller, tenir, pouvoir, savoir, voir, vouloir, dire, faire*, and those belonging to the classes represented by *dormir, ouvrir, connaître, conduire, craindre*; the forms and positions of the personal pronouns; the uses of other pronouns and of possessive, demonstrative, and interrogative adjectives; the inflection of nouns and adjectives for gender and number, except rare cases; the commoner uses of the article; and the partitive constructions. Proficiency may also be tested by direct questioning. Pronunciation should be carefully taught, and the pupil should be accustomed to hear and understand the spoken language. The writing of French from dictation is also recommended.

FRENCH II.—The Advanced Examination will consist of three parts (of which one may be taken separately): (a) The translation at sight of standard French. The passages set for translation will be suited to candidates who have read, in addition to the amount specified under French I. (a) not less than twelve hundred duodecimo pages of classical and contemporary prose and verse from the writings of at least five standard authors. (b) The translation into French of a passage of English prose. In preparation for this examination candidates will be expected to have acquired a thorough knowledge of accidence and a familiarity with the essentials of French syntax, especially the uses of modes and tenses, and also with the commoner idiomatic phrases. Proficiency may also be tested by direct questioning. Careful attention should be paid to pronunciation and to the use of spoken French, that the candidate may at least acquire the ability to follow a recitation conducted in the language and to answer questions asked by the instructor. (c) History of French literature from the earliest times to the beginning of the eighteenth century. In preparation for this a text-book written in the French language must be used. Questions on examination will be in French and the answers must also be written in French. Duval or Petit de Julleville is recommended, and indicates the work required.

Beginning with the year 1898, candidates who offer French II. will be expected to have studied the language for at least three years before presenting themselves for examination. In 1897 such candidates may enter without passing part (c) of the requirement, taking it after entrance in place of the extra private reading required of those entering with advanced French.

GERMAN I.—(a) Ability to translate simple prose at sight; in preparation for this the student should have read two hundred and fifty pages of easy narrative prose. (b) Proficiency in elementary grammar, including the rules for the arrangement of German sentences. There should be some practice in translating connected prose from English into German. Attention should be paid to a distinct pronunciation, for which purpose the memorizing of some well known lyrics is suggested.

GERMAN II.—(a) For the examination in 1897: One hundred and fifty pages of prose fiction; and also Freytag's *Doktor Luther*, Lessing's *Minna von Barnhelm*, Schiller's *Wilhelm Tell*, and Goethe's *Hermann und Dorothea*. A knowledge of the lives of Lessing, Goethe, and Schiller is required. Kluge's *Geschichte der deutschen National-Litteratur* (§§ 48–57) is suggested as indicating the amount. While reading at sight will be an essential part of the examination, the candidate will be tested on the works given above with regard to both language and subject-matter. Equivalents will be accepted. (b) There will also be an exercise in prose composition, for which purpose the candidate should have translated about seventy-five pages of narrative prose from English into German.

Beginning with the year 1898, candidates who offer German II. will be expected to have studied the language for at least three years before presenting themselves for examination.

SCIENCE.—Candidates may at their option anticipate any prescribed scientific course of the college in Astronomy, Biology, Chemistry, or Physics, and substitute in its place laboratory or other advanced work. Special examinations will be held for this purpose.

ADMISSION TO ADVANCED STANDING

Candidates for admission to an advanced standing will be examined in the studies that have been pursued by the classes which they wish to enter, or in other equivalent studies.

Students who come from other colleges and who bring certificates of dismissal, may, upon proof of their qualifications, be admitted to a corresponding standing in this college.

REGULATIONS CONCERNING PARTIAL-COURSE STUDENTS

A candidate for this course must have studied some foreign language, ancient or modern, with such proficiency as to enable him to continue it with some college course other than an elementary one, and he will be required to include this advanced course among his first-year studies. No student who offers French or German will be permitted to take the first year or elementary French or German after admission.

The requirements in Latin (if that is offered in place of French or German) and in English, History and Mathematics are the same as for the full course. See Group VI., page 20.

Partial-course students must choose courses which will give them at least twelve hours of class-room work a week (or eleven hours if Freshman courses only are chosen).

Partial-course students who come directly from a preparatory school must take at least seven hours a week with the Freshman class, unless they can anticipate by examination a full year's work in one or more of the Freshman studies, in which case they may take a corresponding number of hours with an advanced class; but, on entering, partial-course students are allowed to take no more than three hours a week of Junior studies and none of the Senior studies unless they can anticipate by examination all the work preparatory to these studies. They must continue each study chosen through the college year, or till the termination of that study.

Partial-course students may be dismissed at any time if the Faculty are convinced that they are not qualified to do their current work or are not making a good use of their opportunities.

PRELIMINARY EXAMINATIONS

Preliminary examinations in a part of the requirements for admission will be given one year in advance to candidates de-

siring them, provided they bring from the principals of their schools certificates specifying the subjects in which their teachers consider them prepared. The examination will cover the whole of each subject offered by the candidate. For example, Cicero, Xenophon, or Algebra cannot be divided between the preliminary and the final examinations.

In order to prevent an interruption to studies which are to be continued in the college course, candidates are requested to reserve the following subjects for the final examinations : Cicero or Vergil, Latin Prose Composition, Homer, Greek Prose Composition, Geometry, and English.

No credit will be given for the preliminary examination, unless the applicant pass in a substantial part of the subjects offered, and no credit will be given for any subject unless the examination in it has been passed with a mark of at least sixty per cent. The preliminary certificate will be valid for one year only, unless the examination has been passed in a specially creditable manner.

ARRANGEMENT OF EXAMINATIONS

The examinations for admission, in 1897, will be held in Room No. 4, Hopkins Hall, on the Monday and Tuesday preceding Commencement, and the Tuesday and Wednesday preceding the opening of the college year in September, as follows :

FIRST DAY

11 A.M.—Registration.

Greek and Roman History.

English and American History.

2 P.M.—French, German, Greek.

SECOND DAY

9 A.M.—Latin.

2 P.M.—English.

3½ P.M.—Mathematics.

Entrance examinations will be held on the same dates and in the same order as in Williamstown, at the Collegiate School,

241 and 243 West 77th Street, New York City ; at the High School at the corner of Franklin and Court streets, in Buffalo, N. Y. ; and in the rooms of the Board of Education, Schiller Building, Chicago, provided there is a request for such examinations. Each candidate who wishes to take the examinations at either of these places, must notify the Secretary of the Faculty, at Williamstown, to that effect by the 20th of May, and must at the same time remit the sum of five dollars, the fee for examinations in these places.

Also examination papers will be sent, without payment of fee, to any responsible school which has candidates for admission and which will undertake to conduct the examinations on the same dates and in the same order as indicated above, and will do this without expense to the college. The student's written work in such cases is to be forwarded at once by the teacher in charge to the Secretary of the Faculty.

ADMISSION BY CERTIFICATE

Under certain conditions specified below, certificates of the preparatory schools are accepted in place of examinations in History, English, Mathematics I., Latin, and Greek. Certificates will in no case be accepted for Mathematics II., German I., German II., French I., French II., for the Optional Science, or any course of study pursued in college. The privilege of sending students by certificate may be granted to a school which requests it, provided the Faculty of the college have such an acquaintance with the work of the school as will warrant granting the request. In general, a school which has recently sent properly trained students by examination, is considered entitled to the certificate privilege, if it asks for it, as long as there is no radical change in the management of the school.

This privilege is not granted to private tutors, and it is revocable in all cases when not properly exercised.

Certificates must be made out on blanks furnished by the Secretary of the Faculty, and in accordance with the instruc-

tions contained therein. These certificates must contain an explicit statement of the work done by the candidates and the time devoted to it. If the work covered by the certificate is considerably less than the amount required for admission, or if the time devoted to a given subject is inadequate (for instance less than three years of thirty-six weeks each upon Latin and less than two years on Greek), the certificate will not be accepted for the subject in which the deficiency occurs, though it will remain valid for other subjects. In such cases an examination upon the subjects involved will be required. For slight deficiencies conditions may be imposed.

In 1898 and thereafter certificates will not be accepted in Greek for candidates who have studied the subject less than three full school years. In 1899 and thereafter certificates will not be accepted in Latin for candidates who have studied the subject less than four full school years.

A student who has failed to pass the entrance examination at this or any other college will not be received by certificate, unless he has subsequently spent at least a year of study in the school which issues the certificate.

Freshmen and partial-course students who are dismissed for failure in their studies, cannot re-enter in the next class except by passing the entrance examinations. Certificates will not be accepted.

Certificates must be signed by the principal of the school, and sent to the Secretary of the Faculty, so far as is practicable, before Commencement, but not in advance of the actual completion of the work for which they vouch.

COURSES OF INSTRUCTION

DEPARTMENT OF LANGUAGE AND LITERATURE

GREEK

Professors FERNALD and HEWITT.

1. *Herodotus*.—Portions of his history as found in Fernald's Selections. So far as practicable, different portions are read in consecutive years. While the principal object of this course is to acquire familiarity with the style and matter of Herodotus, the work is interspersed with oral and written exercises in review of the grammatical forms and with reading at sight.

Freshman required course. Four hours a week during the first term.

Professor FERNALD.

2. *Homer*.—Books II., III., and IV. of the *Odyssey* will be read and some of the principal Homeric questions will be discussed in lectures. The students are encouraged to read beyond the limits prescribed for the class. For such work, if carefully done without neglect of the regular duties, special credit will be given.

Freshman required course. Three hours a week during the second term.

Professor FERNALD.

3. *Lysias*.—Morgan's edition will be used. Special attention will be given to the political and social allusions which abound in the orations of Lysias. Different orations from those read the previous year will be selected.

One hour a week will be devoted to composition and grammatical review.

There will also be lectures, illustrated with photographs, lantern views, and other material, upon Greek Architecture and Antiquities.

Freshman required course. Four hours a week during the third term.

Professor FERNALD.

4. *Plato and Sophocles*.—The *Protagoras* of Plato and the *Antigone* of Sophocles. Courses of lectures will be given on Greek philosophy from Thales to Plato and on the Greek Theatre.

Sophomore required course. Four hours a week during the first term.

Professor HEWITT.

5. *Æschylus, Euripides, and Aristophanes*.—In the second term the *Agamemnon* and *Bacchæ* will be read chiefly from the literary point of view, and special attention will be given to points of similarity and dissimilarity between the ancient and modern drama. A portion of the time will be given to lectures on the Greek Drama. In the third term two exercises a week will be devoted to the reading of *Aristophanes*. In place of the third exercise, each member of the class will be required to do original work in Greek Syntax or editorial work upon a portion of one of the Greek plays.

Sophomore elective course. Three hours a week during the second and third terms. Professor HEWITT.

6a. *Lucian and Pausanias*.—The *Dream*, *Charon*, and *Timon* of *Lucian* will be read, and selections from *Pausanias*, which will serve as a basis for archæological and typographical study—particularly of Athens and Olympia.

Elective course for Seniors and Juniors. Three times a week during the first term. Professor HEWITT.

6b. The later books of the *Odyssey*, completing the story of the wanderings of *Odysseus*, will be read from *Merry's* edition, Vol. II.

Senior and Junior elective course. Three hours a week during the second term. Professor FERNALD.

6c. *Greek Lyric Poetry*.—Lectures will be given in connection with the reading of selections from the edition of *Buchholz*.

Senior and Junior elective course. Three times a week during the third term. Professor HEWITT.

LATIN

Professors HEWITT and WILD, and Dr. FITE.

1. *Livy*.—Book XXI. Reading at sight in Book I. Special attention will be given to the history of Rome during the Punic wars.

Freshman required course. Three hours a week during the first term. Professor WILD.

2a. *Horace*.—Odes. Lectures on the Archæology and Topography of Rome.

Freshman required course. Three hours a week during the second term. Professor HEWITT.

2b. *Latin Prose Composition*.—Exercises.

Freshman required course. One hour a week during the second term. Dr. FITE.

3. *Tacitus*.—Agricola and Germania, with rapid and sight reading of portions of the Annals.

Freshman required course. Four hours a week during the third term.
Professor WILD.

4. *Plautus and Terence*.—The Menæchmi and Adelphoe.

Sophomore required course. Three hours a week during the first term.
Professor WILD.

5. *Cicero and Juvenal*.—Selected Letters of Cicero will be read during the second term with portions of Phædrus at sight. In the third term a study of Roman customs from the sources will be taken up in connection with Juvenal, and extracts from Valerius Maximus will be read at sight.

Sophomore elective course. Three hours a week during the second and third terms.
Professor WILD.

6a. *Cicero and First Century Latin*.—In the first term the Divinatio, Actio Prima and De Suppliciis of the Verrine Orations will be read. One exercise a week will be given to original work in the Historical Syntax of the cases. The aim in the second term will be to make a rapid survey of the best literature, both prose and poetry, of the First Century. Persius or some other author will be chosen for special work in Interpretation.

Senior and Junior elective course. Three exercises a week during the first and second terms.
Professor WILD.

6b. *Catullus, Tibullus, and Propertius*.—Selections will be read with special reference to literary qualities.

Elective course for Seniors and Juniors. Three exercises a week during the third term.
Professor HEWITT.

7. *Cicero: De Senectute, De Amicitia and De Oratore*.

Sophomore course for those who take the course without Greek. Four hours a week during the first term.
Dr. FITE.

ENGLISH

Professor SPRING, Dr. MATHER, and Mr. LIVINGSTON.

1. *Rhetoric*.—Genung's Outlines of Rhetoric will be used as a text-book, but the hour will be mainly devoted to the writing of extempore themes in description and narration, essay outlines, and expository paragraphs.

Freshman required course. One hour a week during the second and third terms.
Mr. LIVINGSTON.

2. *Historical English*.—A study in outline of the development of the English language and literature in the Anglo-Saxon and Middle English period.

Text-books :

First half year.—Bright's Anglo-Saxon Reader and Harrison and Sharp's edition of Beowulf.

Second half year.—Middle English. Sweet's First Middle English Primer and Skeat's Student's Chaucer. Lectures and Essays.

Junior elective course. Three hours a week during the year.

Dr. MATHER.

3. *Literature of the Age of Elizabeth*.—Selections from Marlowe, Shakspeare, Spencer, Bacon, Milton, and Sir Thomas Browne will be discussed in the class-room. A course of outside reading will be assigned from Lyly, Ben Jonson, Beaumont and Fletcher, Webster, and others.

Senior elective course. Three hours a week during the year.

Professor SPRING.

4. *From Dryden to Tennyson*.—Lectures on the progress and interpretation of English literature during this period.

Senior required course. Two hours a week during the second term and three hours during the third term.

Professor SPRING.

5. *Essays and Orations*.—Freshmen are required to submit for criticism one essay ; Sophomores, two orations and one essay ; Juniors, two essays and one oration ; and Seniors, two essays.

Professor SPRING, Dr. MATHER, and Mr. LIVINGSTON.

6. *Elocution*.—The work of the Freshman year consists of individual drill in declamation, both in private and before small divisions of the class. Six rehearsals are required from each student.

The required work in the Sophomore year consists of training in the delivery of orations during the first and second terms. Upon this work is based the selection of speakers for the prize contest in oratory.

In the Junior and Senior years the delivery of orations is optional, except for those who wish to compete for prizes or to be considered eligible for appointment as speakers upon the Commencement stage.

Opportunity for systematic work in voice-development and gesture is afforded to members of all classes through concerted exercises given four times a week during the second term. In connection with these exercises, individual instruction is given to students desiring special work, either in voice-building or in expression, as a preparation for public speaking.

Mr. LIVINGSTON.

FRENCH

Assistant Professor MORTON.

1. *Elementary French*.—Grandgent's Short French Grammar and Exercises. Composition. Reading of modern French. Saintsbury's Primer of French Literature.

Freshman required course. Three hours a week during the year.

2. *Second Year French*.—Study of Syntax (Edgren). Composition. Duval's Histoire de la Littérature Française from beginning to the eighteenth century. In connection with this, selections from the early literature are read to the class. The chief part of this course is devoted to the study of the literature of the seventeenth century. The use of the French language in the class-room is begun and gradually increased.

Senior and Junior elective course. Four hours a week during the year.

3. *Third Year French*.—Duval's Histoire de la Littérature Française, eighteenth and nineteenth centuries. A few works of the eighteenth century are read, but the chief part of the course is devoted to the study of the literature of the nineteenth century, with incidental lectures in French. There is constant practice in writing French, and as far as possible it is made the language of the class-room. Outside reading is assigned.

Senior elective course. Three hours a week during the year.

GERMAN

Professors WAHL and GOODRICH.

1. *Elementary German*.—Grammar. Composition. Reading of modern prose and lyrics. Memorizing of short poems. Reading at sight.

Sophomore required course. Three hours a week during the year.

Professor WAHL.

2. *Intermediate German*.—Heyse's L'Arrabbiata ; Meyer's Das Amulet ; Schiller's Historische Skizzen and Wilhelm Tell ; Goethe's Hermann und Dorothea and Götz von Berlichingen ; Lessing's Minna von Barnhelm ; von Sybel's Die Erhebung Europas. Grammar and Composition. Incidental lectures.

Junior elective course. Four hours a week during the year.

Professor GOODRICH.

3. *Elective Advanced German*.—Goethe's Faust (Part I. complete and selections from Part II.) and other contemporaneous works of the classic period. History of German literature. Practice in writing German. Oral discussions of the texts read. Incidental lectures.

Senior elective course. Three hours a week during the year.

Professor WAHL.

4. *Required Advanced German*.—Reading, composition, and oral practice. Required as a third-year course for students without Greek. Four (three) hours a week during the year. Professors WAHL and GOODRICH.

ITALIAN

Dr. MATHER.

Grandgent's Italian Grammar ; one or more comedies of Goldoni ; selections from modern Italian prose ; reading in the Divina Commedia ; lectures on Italian literature of the thirteenth and fourteenth centuries.

Senior and Junior elective course. Three hours a week.

HEBREW

Dr. FITE.

A Course for Beginners.—Reading of the book of Genesis and other narrative portions of the Bible, with some reading at sight. Gesenius's Hebrew Grammar.

Senior elective course. Four hours a week during the year.

DEPARTMENT OF BIBLICAL STUDY

President CARTER and Mr. BURR.

1. *Christian Evidences*.—Fisher's Manual.

Freshman required course. One hour a week during the first term.

President CARTER.

2. *Introduction to the New Testament*.—One of the Gospels is selected as the basis of the study, the Greek text used being Dr. Riddle's revision of Robinson's Harmony of the Gospels in Greek, and the Cambridge Greek Testament. The critical work includes an examination of the text, with its variation in manuscripts, versions, and patristic quotations. Each section of the Gospel is studied in its relation to other accounts, and with reference to its chronological order. The more practical investigation of the subject is conducted on the line indicated in Dr. Harper's Inductive Bible Studies.

Senior elective course. Four hours a week during the year.

Mr. BURR.

DEPARTMENT OF PHILOSOPHY

President CARTER and Professor RUSSELL.

1. *Natural Theology*.—Flint's Theism.

Senior required course. Three hours a week during the first term.

President CARTER.

2. *Logic*.—In this study the use of logic rather than the theory of it is made prominent. Minto's *Logic* is used as a text-book ; but the instruction is also given in connection with such exercises as are adapted to give the student a comprehension of logical principles and to enable him to apply them in reasoning and in scientific investigation.

Junior required course. Three hours a week during the first term.

Professor RUSSELL.

3. *Psychology*.—This study is designed to be a preparation for advanced courses in Psychology and Philosophy. Mind is studied in its connection with the nervous system and its functions, and nothing more is attempted than to gain a general view of mental phenomena and mental development.

Junior required course. Three hours a week during the second and third terms.

Professor RUSSELL.

4. *Introduction to Philosophy*.—The aim of this course is to acquaint the student with the nature and the leading problems of Philosophy. Chief prominence is given to questions relating to Knowledge, Duty, and Religious Faith. Paulsen's *Introduction to Philosophy* is made the basis of the study.

Senior required course. Three hours a week during the first term and two hours during the second term.

Professor RUSSELL.

5. *Advanced Course in Theoretical Psychology*.—For the present year the subjects studied in this course will be : the Psychology of Self-Consciousness, the Perception of Space, the Perception of Things, Illusions and Hallucinations, Hypnotism, Telepathy, and allied Phenomena.

Senior elective course. Four hours a week during the first and second terms.

Professor RUSSELL.

6. *History of Philosophy*.—A course mainly devoted to Modern Philosophy from Descartes to Kant, special prominence being given to the philosophy of Locke, Hume, and Kant.

Senior elective course. Four hours a week during the second and third terms.

Professor RUSSELL.

DEPARTMENT OF HISTORY, AND POLITICAL AND SOCIAL SCIENCE

HISTORY

Professors RICE and GOODRICH.

1. *General History*.—This course is intended to serve as an introduction to the study of History. The outlines of European History are studied in a text-book ; lectures are given upon certain periods of English history.

Sophomore required course. Three hours a week during the second and third terms.

Professor RICE.

2. *American History*.—This is a continuation of course 1. The history of Europe and America is followed to the end of the eighteenth century. Lectures are given on the directions and systems of colonization which followed the age of discovery, and on the political relations of Europe and America during the period studied.

Junior required course. Three hours a week during the first term.

Professor RICE.

3. *English History (Constitutional)*.—A study of the development of English institutions from the earliest times to the present day.

Senior and Junior elective course. Three exercises (six hours) a week during the first term.

Professor RICE.

* 3a. *European History*.—Political and social history of Europe during the sixteenth century.

Senior and Junior elective course. Three exercises (six hours) a week during the first term.

Professor RICE.

4. *American History (Political and Constitutional)*.—A study of certain periods in the history of the United States.

Senior and Junior elective course. Three exercises (six hours) a week during the second and third terms.

Professor RICE.

5. *European History*.—This course will cover the period from 1789 to 1870.

Senior elective course. Four hours a week during the year.

Professor GOODRICH.

POLITICAL AND SOCIAL SCIENCE

Professor BASCOM.

1. *Political Science*.—Of the following sub-courses which are included in this course, the first five will be given consecutively and the remainder alternately:

- (a) The Principles of Jurisprudence. Lectures.
- (b) The Constitution of the United States. Andrews's Manual.
- (c) The Historical Development of the Constitution to the present time. Lectures.
- (d) The English Constitution. Lectures.
- (e) English Constitutional History. Text-book and lectures.
- (f) Municipal Law, Civil Law, Canon Law, Common Law. Lectures.
- (g) International Law. Lectures.

Senior elective course. Three hours a week during the year.

* Omitted the present year.

2. *Political Economy*.—Political Economy is first studied as an abstract science, treating of certain specified relations. It is then taken in connection with Sociology, as modified by the circumstances under which its principles are applied. Text-book and Lectures.

Junior required course. Three hours a week during the second and third terms.

3. *Sociology*.—The aim of this course is to give Economics, Ethics, and Civics their true and immediate bearing on our social life. Text-book, Bascom's Social Theory.

Senior required course. Two hours a week during the second term and three hours a week during the third term.

DEPARTMENT OF MATHEMATICS AND SCIENCE

MATHEMATICS AND ASTRONOMY

Professors DODD, SAFFORD, and LEFAVOUR, Mr. MILHAM and Mr. CONGDON.

1. *Algebra*.—Logarithms. Theory of Equations. Wells's College Algebra. Freshman required course. Four hours a week during the first term.

Professor DODD.

2. *Geometry*.—Solid and spherical. Conic Sections.

Freshman required course. Five hours a week during the second term.

Professor DODD.

3a. *Trigonometry and its Applications*.—Mensuration, Surveying and Navigation.

Freshman required course. Four hours a week during the third term.

Professor DODD.

3b. *Field Work in Surveying*.—In connection with course 3, each student will receive instruction in the practical use of surveying instruments, including determination of heights, simple triangulation, the measurement of areas and leveling.

Mr. CONGDON.

4. *Plane Analytic Geometry*.—The course includes the study of the subject as given in the first eight chapters of Wentworth's Analytic Geometry, omitting the supplementary propositions.

Sophomore required course. Three hours a week during the first term.

MR. MILHAM.

5. *Elementary Differential Calculus*.—The method of Limits will be followed, Osborne's text-book being used, with references to other works.

The work will include simple and successive differentiation of both explicit and implicit functions, together with applications to expansion of functions and the evaluation of indeterminate forms.

Sophomore elective course. Three hours a week during the second and third terms.
Mr. MILHAM.

6. *Elementary Astronomy*.—Spherical Trigonometry; the art of computation. Descriptive Astronomy. Lectures upon the history of Astronomy. Practical exercises with portable instruments, and with fixed instruments in the observatory.

Junior elective course. Three hours a week during the year.

Professor SAFFORD.

7. *Advanced Differential Calculus*.—Applications of the differential calculus to curve-tracing and the evaluation of maxima and minima. Osborne's text-book will be used as a basis, with references to other works and with frequent lectures.

Junior elective course. Three hours a week during the first term.

Mr. MILHAM.

8. *Integral Calculus*.—The course given in Osborne will be followed, together with applications to the solution of differential equations.

Junior elective course. Three hours a week during the second and third terms.

Professor LEFAVOUR.

9. *Exercises in Practical Astronomy*.—The instruments employed, besides time-pieces, are the sextant, transit instrument, universal instrument, and equatorial. The object of the course is to give additional practical knowledge of the subject, and facility in handling instruments and using formulæ. Computation of comets' orbits.

Senior elective course. Three hours a week during the year.

Professor SAFFORD.

10. *Theory of Equations and Surveying*.—A special course to be taken in connection with Mathematics 4 and 5 by those entering with advanced Mathematics. It will include the Theory of Equations as given in Wells's College Algebra, the principles of Surveying and their practical application in the field.

Freshman special course. One exercise a week during the year.

Mr. MILHAM.

11. *Astronomy*.—A course of instruction in Practical Astronomy is offered to graduates or persons qualified to pursue it. It will include the following subjects: Theory and Use of Instruments; the Art of Computation; the Method of Least Squares; Reduction, Criticism, and Discussion of Observations; Computations of the Orbits of Comets and Planets, and, for those

sufficiently advanced, Special and General Perturbations. Students who wish to pursue Geodesy instead of Astronomy proper, can substitute Triangulation and the Figure of the Earth for certain portions of Astronomy. Mathematical subjects not included in the college course will be taken up so far as is necessary. Every encouragement will be given to qualified persons to carry on independent research in these branches. Direction will also be given to the work of students who wish to prepare themselves to become teachers of Mathematics on the lines indicated by Professor Safford in his monograph "Mathematical Teaching and its Modern Methods."

Professor SAFFORD.

CHEMISTRY

Professor MEARS and Dr. BARTOW.

The work in Chemistry is divided into the following courses :

1. *General Chemistry*.—This course aims to teach the principles of the science in connection with the study of the non-metallic elements. It is also preliminary to the elective courses. Instruction is given by lectures and recitations, supplemented by work in the laboratory, to which one third of the time is devoted.

Sophomore required course. Four times a week during the second term.

2. *Chemistry*.—While instruction in the metallic elements and their compounds is given by lectures and examinations, this course is chiefly devoted to practical work in the laboratory. Two hundred analyses of the more important metallic and mineral substances are required of each student, with examinations on the processes involved. The third term is devoted to lectures and examinations on the methane series of carbon compounds.

Junior elective course. Three exercises (nine hours) a week during the year.

3. *Chemistry*.—The first term in this course is devoted to the quantitative determination and separation of the more common bases and acids. A course of lectures is also given in which a discussion of the atomic and molecular weights and of the modern theories of the science is taken up.

The second and third terms are devoted to lectures on the benzene series of organic compounds, together with the preparation of the more important substances. A portion of the time is devoted to water and milk analysis, and, for those desiring it, to work in medical chemistry.

Elective course for students who have taken courses 1 and 2. Three exercises (nine hours) a week during the year.

The above courses are also open to graduates, and advantages are offered for advanced work in the science.

PHYSICS

Professor LEFAVOUR, Mr. MILHAM, and Mr. CONGDON.

1. *General Physics*.—The instruction includes lectures with experimental demonstrations, oral and written recitations, and twenty practical exercises in the laboratory. A printed abstract of the lectures is used as a text-book. The first term is devoted to kinematics and dynamics, the second to sound, heat, and light, and the third to electricity. The purpose of the course is to state and explain the general principles of the science, and to find their application in the experiences and phenomena of daily life. A knowledge of elementary mathematics including plane trigonometry is essential.

Sophomore required course. Three hours a week during the year.

Professor LEFAVOUR.

2. *Practical Physics*.—The course consists of a series of physical measurements in the laboratory, together with a study of the methods and principles involved, as well as the scientific literature relating to each problem. The exercises during the first term include a study of general physical processes such as measurements of length, area, volume, and mass, and determinations of the constants of elasticity, capillarity, tenacity, and gravity. In the second and third terms three sub-courses are arranged and are open to the election of the students who have completed the exercises just mentioned. The first consists of exercises taken from sound, heat, light, and electricity, the second is devoted entirely to measurements in electricity and magnetism, and the third is restricted to exercises which are of especial importance in chemical physics.

Elective course for Juniors and Seniors. Three times (six hours) a week during the year.

Professor LEFAVOUR, Mr. MILHAM, and Mr. CONGDON.

3. *Advanced Electricity*.—This course is a continuation of the sub-course in electricity in Physics 2. The subjects considered during the first term are capacity, mutual and self-induction—their comparison and absolute determination—magnetism and electro-magnetism. During the second term application is made of these methods and principles to the study of electrical apparatus, such as bells, telegraph and telephone instruments, induction coils, arc and incandescent lamps, etc., and to the determination of the characteristics and efficiencies of dynamos and motors. During the third term will be considered the general problem of the distribution of current, with reference to efficiency, economy, durability, and cost.

Elective course for Seniors. Three exercises (six hours) a week during the year.

Mr. MILHAM.

4. *Chemical Physics*.—In this course the physical theories of chemistry are studied, accompanied by a series of laboratory exercises. In the latter part of the course the laboratory investigation of some special problem is undertaken. The course is open only to those who have taken Chemistry 2 and Physics 2.

Senior elective course. Three exercises a week during the year.

Professor LEFAVOUR.

Drawing.—During the current year instruction will be given in Mechanical and Freehand Drawing and in Descriptive Geometry to aid those who are to enter a technical school after graduating from college. By properly choosing their college electives, graduates will thus be able to enter the third year of any technical school. The work in this course cannot be counted as a part of the required or elective work of the college, and the expenses attending the instruction are to be met by those taking the course.

Mr. CONGDON.

BIOLOGY.

Professor CLARKE, Assistant Professor PECK, and Dr. KNOWER.

1. *General Biology*.—This course is an introduction to the study of living matter and of its relations to inorganic matter, or matter in the non-living state.

A somewhat detailed study of a number of typical animals and plants is made the basis for brief discussions of the leading principles of general biology, *e. g.*, the nature of protoplasm, cell life, the relations of animals and plants; some of the main points in embryology, heredity, and evolution, the structure and functions of bacteria and their relations to human life. There will also be given a brief review of the history of biology, showing how this science has come to its present condition, and what its great problems are.

Sophomore required course. Four hours a week during the third term.

Professor CLARKE.

2a. *Comparative Anatomy of Vertebrates*.—A laboratory study is here offered of a series of vertebrates, to include successively a selachian (skate), a teleostome (cod), an amphibian (frog and tadpole), a reptile (young alligator), bird (pigeon), and a mammal (guinea-pig or rabbit). Fresh material is provided in all cases, and advantages offered for the acquisition by the student of a somewhat detailed plan of the structure and modifications of the various systems of organs of the vertebrate body.

Methods of laboratory study are therefore especially urged at the beginning of the course, in securing a first-hand knowledge of facts, while short lectures are given as an aid to an understanding of the material under dissection. Other lectures are also statedly given, which relate to the zoölogy and classification of the various groups of which the above selected forms are representatives. At the close of the second term six lectures are given upon Organic Descent of the Vertebrates.

Junior and Senior elective course. Three exercises (six hours) a week during the first and second terms.

Assistant Professor PECK.

2b. *Histology*.—Especial stress is laid in this part of the year upon a laboratory study of the elementary tissues of vertebrates, particularly the Mammal. The combinations of these simple tissues in the organs of the body are then taken up from ready-prepared sections. Some practice is given in staining, and methods of fixation and section-cutting are demonstrated. The lectures on the work are illustrated by diagrams and the projection microscope. Three times (six hours) a week during the third term.

Junior and Senior elective course. Three exercises a week during the third term.

Dr. KNOWER.

3. (a) *Invertebrate Zoölogy*.—Some of the principles of animal morphology are brought out during the year by a laboratory study of certain orders of invertebrates, taken successively from the Protozoa, Porifera (*Grantia*, etc.), Coelenterata (*Ilydra* and hydroids), Platoda (fresh-water forms), Annelida (*Lumbricus* and *Nereis*), Mollusca (*Mya*, *Sycotypus*, *Loligo*), Echinodermata (*Asterias* *Arbacia* and *Thyone*), Crustacea (based on Crayfish, other forms in comparison), and Insecta (*Acridium*).

The lectures which attend the work are designed partly to aid in the laboratory study, and also to bring out some of the more evident problems of Biology as they are illustrated in the several groups from which the above forms are taken as representatives. Three times (six hours) during the first two terms.

(b) During the third term a laboratory study in the embryology of the chick is offered. The work is prefaced by several lectures and demonstrations illustrating the phenomena of fertilization, karyokinesis, and segmentation. An attempt is then made to present the general features of the development of the organs of the chick. Ample illustrations of the study are used in the lecture room by the projection microscope and diagrams.

Senior elective course, open to those who have taken courses 1 and 2. Three exercises (six hours) a week during the year.

Assistant Professor PECK.

HYGIENE, ANATOMY AND PHYSIOLOGY

Professor WOODBRIDGE.

1. *Hygiene*.—A series of lectures on subjects pertaining to health and habits of study. Each member of the class is subjected to an examination of heart, lungs, and eyes for the purpose of giving him any personal suggestions that may seem advisable.

Hutchinson's Physiology and Hygiene and Rohe's Text-Book of Hygiene are recommended for reference.

Freshman required course. One hour a week during the first term.

2. *Anatomy and Physiology*.—An effort is made to exhibit not only the results but also the methods of physiological research. Gray's Anatomy, Foster's Physiology (1 vol. edition), Ladd's Physiological Psychology, and Raymond's Manual of Human Physiology are suggested as text-books.

(a) *Nervous System*. Instruction by Lectures and Syllabus. In this course special attention is given to the nervous system with reference to its relations to psychological processes and problems.

Junior required course. Three hours a week during the first half of the second term.

(b) *General Anatomy and Physiology*.

During the first term the instruction is by lectures and syllabus. The aim of the course is to give the student a general view of Physiology with sufficient Anatomy and Histology to make the subject intelligible.

During the second and third terms the instruction is by text-book—Gray's Anatomy. The subjects studied are Osteology, Joints, and Muscles.

It is hoped, by adding this course to the electives in the Natural Sciences, to afford material aid to those planning to pursue medical study. Faithful work in these departments will secure for the student advanced standing in several medical colleges.

Senior elective course. Four hours a week during the year.

During the summer term, at the request of successive Senior classes, a short course of lectures has been given on practical questions relating to the hygiene of the home.

GEOLOGY AND BOTANY

MR. DALE.

Two thirds of this course is devoted to Geology with some Elementary Mineralogy, and the remainder of it to Botany. The Botany is begun with the Geology in the fall and completed in the third term.

The Geological course consists of lectures and recitations on Geology, Petrography, and Mineralogy, the study of specimens, several geological ex-

cursions, and the preparation by each student of a paper on some assigned out-door subject. Archibald Geikie's Class-Book of Geology will be used as an introduction. The various departments of Geology will be subordinated to Structural and Historical Geology.

The mode of instruction is designed to combine the advantages of both the recitation and lecture system, and to supplement these with practical training in observation both in the museum and in the field.

The course in Botany is to be conducted on the same principles. The emphasis will be placed on the External Morphology of plants and on Systematic Botany with a view of making the student acquainted with the more common flowering plants and of teaching him to study them by groups and orders rather than by species.

The region affords rare facilities for the study of both Geology and Botany.

Senior elective course. Four hours a week throughout the year with afternoon excursions in the third term.

DEPARTMENT OF PHYSICAL CULTURE

MR. SEELEY.

Exercises consisting of marching, calisthenics, and light gymnastics with wands, clubs, chest-weights, and dumb-bells.

Required Freshman course. Four half-hour periods a week during the first term. Two one-hour periods a week during the second term.

Elective work in the gymnasium is offered to the men in the other classes, and every effort is made to encourage out-door sports.

EXHIBIT OF STUDIES

The following exhibit of studies indicates the courses of instruction that are required of each class. Students in the full course must take studies amounting to sixteen hours a week. All the studies of Freshman year and of the first term of Sophomore year are prescribed. For the second and third terms of Sophomore year those who take the course with Greek may elect Greek, Latin, or Mathematics; those who take the course without Greek may elect Mathematics or Latin. In Junior and Senior years six hours of work are prescribed, and ten are to be chosen from the elective courses, but Juniors must include in their electives either French or German.

Students in the course without Greek must have completed before graduation the work in modern languages covered by courses 1, 2, and 4 in German and courses 1, 2, and 3 in French.

The unenclosed figures refer to the Courses of Instruction as arranged according to Departments in the preceding pages, and the figures in parentheses indicate the number of exercises a week for each course.

FRESHMAN YEAR

REQUIRED COURSES

<i>First Term</i>	<i>Second Term</i>	<i>Third Term</i>
Biblical Study 1, (1)	English 1, (1)	English 1, (1)
English 6,	English 6,	English 5,
French 1, (3)	French 1, (3)	French 1, (3)
Greek 1, (4)	Greek 2, (3)	Greek 3, (4)
Latin 1, (3)	Latin 2a, (3)	Latin 3, (4)
Mathematics 1, (4)	Latin 2b, (1)	Mathematics 3a, (4)
Physical Training, (4)	Mathematics 2, (5)	Mathematics 3b.
Physiology 1, (1)	Physical Training, (2)	

Freshmen who have entered with advanced German in place of Greek, will take German 4 and extra private reading under the direction of the instructor of that course in place of Freshman Greek; those who have entered with advanced French, will take German 1 and French 3 with extra private reading in French in place of Freshman Greek and French 1; those who have entered with advanced Mathematics and German, will sub-

stitute German 2 and Mathematics 4, 5, and 10 for Freshman Greek and Mathematics; those who have entered with advanced Mathematics and French, will substitute German 1, French 2, and Mathematics 4, 5, and 10 for the French, Greek, and Mathematics of Freshman Year.

SOPHOMORE YEAR

REQUIRED COURSES

<i>First Term</i>	<i>Second Term</i>	<i>Third Term</i>
English 5,	Chemistry 1, (4)	Biology 1, (4)
English 6,	English 5,	English 5,
German 1, (3)	English 6,	German 1, (3)
Greek 4, or	German 1, (3)	History 1, (3)
Latin 7, } (4)	History 1, (3)	Physics 1, (3)
Latin 4, (3)	Physics 1, (3)	
Mathematics 4, (3)		
Physics 1, (3)		

ELECTIVE COURSES

Each Sophomore is required to take one elective course.

Second and Third Terms.

Greek 5, (3); Latin 5, (3); Mathematics 5, (3)

Sophomores in the course without Greek will take Latin 7 in place of Greek 4; those who entered with advanced German, will take French 2 in place of German 1; those who entered with advanced French, will take German 2 in place of German 1; while those who entered with advanced Mathematics and German or French, will take two advanced courses in Modern Languages or Mathematics in place of Mathematics 4, 5, and German 1.

JUNIOR AND SENIOR YEARS

JUNIOR REQUIRED COURSES

<i>First Term</i>	<i>Second Term</i>	<i>Third Term</i>
English 5,	English 5,	English 5,
History 2, (3)	Philosophy 3, } (3)	Philosophy 3, (3)
Philosophy 2, (3)	Physiology, 2a, }	Political Science 2, (3)
	Political Science 2, (3)	

SENIOR REQUIRED COURSES

<i>First Term</i>	<i>Second Term</i>	<i>Third Term</i>
English 5, Philosophy 1, (3) Philosophy 4, (3)	English 4, (2) English 5, Philosophy 4, (2) Political Science 3, (2)	English 4, (3) Political Science 3, (3)

ELECTIVE COURSES

Seniors are required to choose one four-hour course in group (a) and two courses from groups (b) and (c), the hours of which do not conflict. Juniors are required to choose three courses in group (c), the hours of which do not conflict ; one of these must be either French or German.

(a)

FOUR-HOUR COURSES FOR SENIORS

Biblical Study 2, Geology and Botany, Hebrew, History 5,	Italian, Philosophy, 5, 6, Physiology, 2b.
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(b)

THREE-HOUR COURSES FOR SENIORS

Biology 3, Chemistry 3, English 3,	French 3, German 3, Mathematics 9,	Physics 3, Physics 4, Political Science 1.
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(c)

COURSES FOR SENIORS AND JUNIORS

Biology 2, Chemistry 2, English 2, French 2,	German 2, Greek 6a, 6b, 6c, History 3, 4, Italian,	Latin 6a, 6b, Mathematics 6, Mathematics 7, 8, Physics 2.
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GENERAL INFORMATION

LIBRARY

The College Library contains thirty-nine thousand two hundred and fifty volumes, exclusive of duplicates, and over fifteen thousand pamphlets. The card catalogue now covers this entire collection, bound and unbound. For the maintenance and enlargement of the Library about four thousand dollars are expended annually. The Lawrence, Jonathan Phillips, Adriance, Jones, and other library funds represent a capital sum of forty-three thousand dollars, the income from which is increased by gifts, and by special appropriations of the Trustees.

Students have direct access to all books. They may draw three volumes at a time, to be retained, if desired, for two weeks, with the privilege of one renewal. Abundant facilities are afforded for reading, study, and writing during library hours.

The library is open every week day during the entire year. In term time the hours are from 9.30 A.M. to 12.30 P.M., from 2 P.M. to 6 P.M. and for the east wing only from 7.30 P.M. to 9.30 P.M. In the summer term the opening hour is 9 A.M. On Sundays during the college year the library is open, for reading and reference only, from 2 P.M. to 5.25 P.M. In vacation the hours are from 10 A.M. to 12 M. on week days only.

A special effort is made to promote the seminary method. For this purpose reference books bearing on the term's work are placed in a special department of the east wing. Branch libraries are established in the Thompson Laboratories, bringing the books bearing on Chemistry, Biology, and Physics within the immediate reach of students in those departments. With the same method in view, books used for special study in Language, History, or Philosophy, are placed in rooms in the library or other college buildings reserved for this purpose.

The libraries of the Philotechnian and Philologian Societies, containing nine thousand volumes, are open to their members Wednesdays and Saturdays.

A comfortable reading-room, well supplied with daily and weekly papers and other current literature, is maintained under the auspices of the Mills Young Men's Christian Association.

LABORATORIES

The Departments of Biology, Chemistry, and Physics are located in the three buildings presented to the college by F. F. Thompson, Esq., of New York City. The Biological Laboratory contains a laboratory room for each class of work. There is also a general lecture-room, a library and reading-room where much of the current literature of Biology is kept on file, also a room for the illustrative collections, and an aquarium room. The work of instruction and research commands the aid of suitable apparatus, such as microscopes, microtomes, ovens, baths, etc., and other necessary appliances, together with a large series of charts, models, and illustrative collections, which are being continually increased. There is also a complete stereopticon outfit, with projection microscope and arc light.

The Chemical Laboratory contains three large laboratories, private laboratories, lecture and recitation rooms, and a reference library, all of which are supplied with the best modern appliances.

The Physical Laboratory contains a well appointed lecture-room, a recitation-room, separate laboratories for the work of the different classes, a department library, and rooms especially arranged for advanced work in electricity, magnetism, light, and chemical physics. Power is furnished by a Westinghouse engine of fifteen horse-power, and the electrical equipment includes a five-kilowatt dynamo, experimental dynamos and motors, Weston measuring instruments, galvanometers, standard cells, condensers, and resistances. A storage battery of thirty cells has been recently installed.

OBSERVATORIES

The astronomical department of the college possesses two observatories for illustration and scientific investigation. The older was built by Professor Albert Hopkins in 1838, and contains an equatorial by Phelps of Troy, with an object-glass by Alvan Clark, Senior, which has an aperture of $7\frac{1}{2}$ inches. This instrument was constructed about 1852 and is interesting as an early example of Clark's optical work. It is employed for gazing purposes and the observation of occasional phenomena. The other rooms of the Hopkins Observatory contain a transit instrument by Troughton and Simms, with an aperture of $3\frac{3}{4}$ inches, though this is now but little used as it has been replaced by a more modern apparatus.

In another part of the town a piece of ground, comprising five acres and a half, was purchased in 1881 for astronomical purposes. At present this enclosure contains the Field Observatory, an iron meridian house, built at the expense of the Hon. David Dudley Field, together with a hut for the accommodation of portable instruments. The main instrument of this observatory is a fine meridian circle by the Repsolds of Hamburg, with a telescope of $4\frac{3}{16}$ inches aperture and a circle divided to $2'$ of arc, reading by four microscopes to single seconds directly. The meridian circle is provided with the necessary clock, chronograph, and collimators. In addition, the department of astronomy is provided with a large number of portable instruments among which are two telescopes for gazing purposes, and a portable transit with zenith telescope attachment, as well as two theodolites, one of them a Wanschaff universal with seven-inch limb and microscope reading to $5'$ directly. There are also several instruments of reflection, including sextants of the best kind, a prismatic circle, and several sailors' octants, with chronometers and artificial horizons and other small pieces of apparatus. A complete set of meteorological apparatus has been kept in regular use since about 1811.

CLASSICAL SOCIETY

The Classical Society, formed of instructors and students in the elective Latin and Greek courses, has for its object the encouragement of original research. It holds its regular meetings in the Library, on the second Tuesday evening of each month, for the reading and discussion of original papers and for reports in the fields of Greek and Latin Philology and Archæology.

LYCEUM OF NATURAL HISTORY

This organization was founded in 1835, and is maintained by the students of the college in connection with the department of Biology. Regular bi-weekly meetings are held at which reports are presented by the members, or from others, upon some subject of interest. Public lectures are also given at intervals during the year under the auspices of this Society.

The fund established by the late William J. Walker provides opportunities for a scientific expedition, to be organized for the purpose of making collections, and of study at some more or less distant points. This provision is realized every fourth year by the terms of the gift, and is to be put into effect this year (1896-7).

The Lyceum of Natural History was provided with a building, Jackson Hall, named in honor of its donor, the late Nathan Jackson, in which a museum is located, which contains much of the scientific material collected by former expeditions, together with many ethnological collections sent to the college by its missionary graduates.

ART COLLECTION

A valuable collection of paintings, bas-reliefs, Etruscan vases, and Peruvian pottery, the gift of Mrs. John W. Field of Philadelphia, is on exhibition in the new Library extension.

Through the liberality of Mrs. S. D. Warren, of Boston, and others, the college has a good collection of illustrative material including many lantern-slides, for certain branches of art

study. The Williams Art Association, an organization of the students, under the direction of Professor Rice provides lectures and exhibitions during the autumn and winter terms. Two recent graduates have generously fitted up one of the large lecture-rooms in the Hopkins Memorial Building for displaying and storing the illustrations that are purchased from year to year with the funds of the Association. This gift makes possible the exhibition of loan collections of paintings and engravings which has proved an attractive and valuable feature in its work hitherto.

The gift of suitable works of art is solicited by the trustees of the college, subject to approval by a committee of their number.

MUSEUM

The college cabinet as recently rearranged in Clark Hall includes the following collections: Mineralogical, Petrographical, Paleontological, Geological (structural), Geological (local), Conchological (synoptic), and Botanical.

Included in this list are certain special collections, such as the Wilder Mineralogical Cabinet, given, as was the building itself, by the late Edward Clark, of the class of 1831, the geological collection of the late Prof. Ebenezer Emmons, and the herbaria presented to the college by several persons.

These collections include everything needed for college work in Geology, Mineralogy, and Botany.

GYMNASIUM

The Lasell gymnasium, erected and equipped at a cost of \$50,000, chiefly by the munificence of the widow of the late Hon. Josiah Lasell of the class of 1844, and of his son, Josiah Manning Lasell, of the class of 1886, furnishes abundant facilities for physical development. The apparatus is the outcome of the study and invention of the best teachers of gymnastics. Pulley-weights of the best pattern, adjustable to varying strength, light Indian clubs, dumb-bells, both of wood and of

iron, horizontal and parallel bars, rings, and apparatus for developing special muscles are used under the immediate supervision of an instructor. An inclined padded running track 229 feet in length, base-ball cage and bowling alleys are important features of the building. It is provided with hot and cold water, tub, sponge and shower baths, and 370 lockers. There are several class drills daily in the main hall at hours suiting the convenience of the students. A careful examination and measurement of each student is made by the director, not only soon after entering college, but also at occasional intervals later in the course, in order that the exercise may be adapted to individual peculiarities, and a symmetrical development secured. Gymnastic exercise is required of the Freshman class during the first and second terms.

The smaller athletic fields near the college buildings afford practice in tennis, lacrosse, and similar sports, while the large "Weston Field," the gift of the Hon. Byron Weston, of Dalton, affords ample opportunity for base-ball, foot-ball, and other out-door exercises. A cinder track has been laid on the same field for the various exercises of the Athletic Association.

COLLEGE INFIRMARY

Through the kindness of friends of the college a house has been provided where students who are sick can receive proper attention. Friends of the students who wish to assist in their care can be accommodated at the Infirmary, and in severe cases trained nurses may be secured at the expense of the patient. There is no extra charge for care of the sick, but each student received into the infirmary pays for his own board and that of his nurse.

THOMPSON COURSE OF ENTERTAINMENTS

This course, which was established by the liberality of F. F. Thompson, Esq., of New York City, included, during the past year, concerts given by the "Kneisel String Quartet," the "Apollo Club," and the "Temple Quartet."

ORDER AND DISCIPLINE

It is the aim of the college to develop in the individual student the sense of personal responsibility for good order and a high standard of scholarship, and to secure in the largest measure his co-operation with the Faculty in the development of his own character.

ATTENDANCE ON COLLEGE EXERCISES

Attendance is required upon nine-tenths of all college exercises, and if a student fail for any cause to meet this requirement of attendance upon secular exercises, work additional to that done by the class will be assigned in some department or departments of study in which the failure has occurred. This assignment of extra work will be in the hands of a committee of the Faculty who, in consultation with the instructor, will adjust the amount to be done. This assignment will be made at the end of the term.

The regulation of attendance upon both the secular and the religious exercises of the college is placed in the hands of the Dean. He may place under strict probation any student whose attendance is unsatisfactory or, with the concurrence of the Committee on Discipline, he may dismiss from college a student whose absence has been excessive.

EXAMINATIONS

At the close of the first term the students are examined upon the work of that term, and at the end of the year upon the work of the second and third terms. These examinations cannot be taken before the times appointed by the Faculty. Students who by reason of illness are excused from these examinations, and students who fail to pass them, are examined at such times as the Faculty may appoint. The final examination of the Senior class occurs during the week beginning on the third Monday before Commencement day.

DEGREES

Bachelor of Arts.—The degree of Bachelor of Arts is conferred by vote of the Trustees at the annual Commencement upon students who have completed a full four years' course to the satisfaction of the Faculty, have paid their dues to the Treasurer, and have returned all books belonging to the Library ; but the degree may be forfeited by misconduct at any time previous to the close of the Commencement exercises.

Master of Arts.—The degree of Master of Arts will be conferred upon graduates of this college, or of any college which grants the Bachelor's degree under similar or equivalent conditions, who have spent one year in residence at this college pursuing approved courses of study in at least two departments of instruction or in two branches of one department, the total amount being equal to the work of one college year, and who have passed satisfactory examinations on both subjects and prepared a satisfactory thesis related to some course of study pursued.

The degree will be conferred upon graduates of this college not earlier than two years after their graduation who have spent one year in residence at any educational or scientific institution engaged in non-professional study, and who, having been registered at this college as candidates for the degree not less than a year, have fulfilled the conditions regarding courses of study, examination, and thesis specified in the preceding paragraph.

The degree will be conferred upon graduates of this college not earlier than three years after their graduation who, not having been in residence but having been registered at this college as candidates for the degree not less than two years, have fulfilled the conditions with regard to courses of study, examination, and thesis specified in the first paragraph.

Each candidate must annually give notice of registration and submit his courses of study to the Secretary of the Faculty not later than the fifteenth of October of the year for which he desires registration. Blank forms for registration may be ob-

tained from the Secretary of the Faculty. The courses of study must receive the approval of the Committee on Graduate Students (consisting for the present year of Professors Lefavour and Hewitt) and of the professors in charge of the departments from which the subjects are selected. The thesis must be submitted not later than the fifteenth of May of the year in which the candidate is to be examined, and must likewise receive the approval of the Committee on Graduate Students as well as of the professor to whose department of instruction the subject matter is related.

The fee for resident students will be \$105, and will include charges for instruction, examination, and diploma. An additional charge may be made for the use of laboratory apparatus. The fee for the examination and diploma of non-resident students will be \$25.

RECORDS AND REPORTS

A report of scholarship and conduct is made to every student's parent or guardian at the close of the first and third terms, and at such other times as the Faculty may deem expedient. A permanent record is also kept of each student's scholarship, and by this record his final rank is determined.

PUBLIC WORSHIP

Prayers are held every week-day morning and Sunday evening, at which all students are required to be present.

Religious services are held on Sunday in the college chapel, and the attendance of all students is required. Members of other churches may be excused at the request of their parents or guardians to attend the services of their own denominations. The following were the preachers at the college for the year 1895-96 :

Rev. Dr. Mackenzie, Lawrenceville, N. J. ; Rev. Dr. Jacobus, Hartford, Conn. ; Rev. Dr. Pattison, Rochester, N. Y. ; Rev. Dr. Munger, New Haven, Conn. ; Rev. S. T. Livingston, South Egremont, Mass. ; Rev. Dr. Terrett, Clinton, N. Y.,

Rev. Dr. Merriman, Worcester, Mass. ; Rev. Dr. Beach, now of Minneapolis, Minn. ; President Raymond, Schenectady, N. Y. ; Rev. Dr. G. A. Gordon, Boston ; Rev. G. L. Richardson, Bennington, Vt. ; Rev. G. G. Atkins, Greenfield ; Rev. S. G. Crothers, Cambridge ; Rev. S. Edward Young, Newark, N. J. ; Rev. S. C. Bushnell, Arlington ; Rev. Dr. Harris, Andover ; Rev. N. M. Calhoun, Canandaigua, N. Y. ; Rev. Dr. Barton, Boston ; Rev. L. M. Clarke, Syracuse, N. Y. ; Rev. W. M. Grosvenor, New York City ; Rev. Dr. Lyman, Brooklyn ; President Tucker, Hanover, N. H. ; Rev. Dr. Jenkins, Portland, Me. ; Rev. Dr. Riggs, Auburn, N. Y. ; Rev. Dr. Moxom, Springfield ; Rev. Dr. Coe, New York City ; Rev. H. P. Dewey, Concord, N. H. ; and President Carter, Professors Bascom, Spring, and Russell, of the college.

ALUMNI VISITORS

A Committee is chosen by the Associated Alumni to visit the college at stated times, and to make an annual report. This Committee consists at present of the following gentlemen :

(Until Commencement, 1897)

Prin. Lemuel C. Mygatt, L.H.D., of New York City, class of '70.
Rev. Alfred T. Perry, M.A., of Hartford, Conn., class of '80.

(Until Commencement, 1898)

Leartus Connor, M.D., of Detroit, Mich., class of '65.
Felton Bent, B.A., of Philadelphia, Pa., class of '95.

(Until Commencement, 1899)

Charles F. Underwood, M.D., of Newark, N. J., class of '71.
Henry S. Patterson, B.A., of New York City, class of '96.

PRIZES

BENEDICT PRIZES

The late Hon. Erastus C. Benedict, of the class of 1821, formerly an instructor in the college, established seven first prizes of twenty-five dollars each, which may be awarded annually for excellence in the following departments : Latin,

Greek, French, German, Mathematics, Natural History, and History ; seven second prizes of fifteen dollars each, which may be awarded in the same departments.

He also founded a prize of twenty-five dollars, to be given annually to that member of the college who, at the close of each college year, shall be found to have received the largest number of prizes.* Honorable mention is here counted as a prize. In case of a tie the relative grades of the prizes will be taken into account, and honorable mention in Latin or Greek and a Rice book prize will not both be counted.

VAN VECHTEN PRIZE

A prize, amounting to seventy dollars, established by A. V. W. Van Vechten, Esq., of the class of 1847, may be awarded for extemporaneous speaking. The assignment of this prize will be made by the Faculty, and will depend upon excellence of diction in the ordinary recitations, in class debates, and such other exercises during the college course as test the speaker's readiness and ability.

GRAVES PRIZES

Arthur B. Graves, Esq., of the class of 1858, founded seven prizes amounting to two hundred dollars, which may be awarded as follows : six prizes of twenty dollars each for the best six essays prepared by members of the Senior class, on subjects assigned by the Faculty ; and one prize of eighty dollars to the student who shall deliver his essay in the most effective manner before a public audience.

RHETORICAL PRIZES

On the evening before Commencement, ten speakers, appointed equally from the Junior and Sophomore classes, deliver original orations in competition for five prizes. The

* For the present an additional sum of \$75.00 will be given each year by a friend of the college to increase this prize to \$100.00.

income of two thousand dollars, a part of which was given by Elizur Smith, Esq., of Lee, is appropriated for these prizes.

The trustees of the college offer two prizes of twenty dollars and ten dollars respectively to members of the Freshman class for excellence in declamation.

RICE PRIZES

The income of five thousand dollars, left to the college by the late James Lathrop Rice, Esq., is by his will appropriated to the encouragement of Latin and Greek scholarship. Of this income sixty dollars may be awarded at Commencement of each year to that member of the Senior class who shall have shown the fullest and most accurate knowledge of certain Latin classics ; and forty dollars to the member of the same class who shall have attained the second rank in the knowledge of the same authors ; sixty dollars may be awarded at the same time to the member of the Senior class who shall have shown the fullest and most accurate knowledge of certain Greek classics ; and forty dollars to the member of that class who shall have attained the second rank in the knowledge of the authors in question. The same student may compete for the prizes in both departments, but no prize will be assigned to a student who has not pursued the subject as an elective during both the Junior and Senior years.

DEWEY PRIZE

The late Hon. Francis Henshaw Dewey founded a prize of fifty dollars to be given to the member of the graduating class who shall present the most creditable oration in point of composition and delivery at Commencement exercises.

SCHOLARSHIPS

HONOR SCHOLARSHIPS

Several Honor Scholarships of \$2,500.00 each have been founded by alumni and friends of the college, the income of which is awarded by the Faculty to as many young men as

there are scholarships, in order not only to afford pecuniary aid, but also to recognize successful scholarship.

The scholarships already endowed, in whole or in part, are as follows :

The "Thomson Scholarship," founded by the late Charles H. Thomson, Esq., of New York.....	\$2,500.00
The "J. Ruthven Adriance Memorial Scholarship".....	2,500.00
The "Warren Scholarship," founded by the late S. D. Warren, Esq., of Boston.....	2,500.00
The "Gilson Scholarship," founded by the late Prof. C. F. Gilson	2,500.00
The "Scholarship of the class of 1862".....	1,202.00
The "Scholarship of the class of 1867".....	675.00

A portion of the income of the fund bequeathed to the college by the late Henry Titus Morgan, Esq., of New York City, may be employed to encourage young men of high scholarship in the prosecution of their studies, either before or after receiving the bachelor's degree.

THE HORACE F. CLARK SCHOLARSHIP

The "Horace F. Clark Scholarship" in honor of Horace F. Clark, of the class of 1848, has been established under the provisions of the will of Madame Marie Louise Souberbeille, his daughter, and the income will be awarded as follows :

(1) *For the Freshman year \$200*, to be awarded to the member of the class regularly and faithfully participating in and duly completing the exercises and duties of that year, who at the beginning of the college year shall have passed a better examination than any other such member of the class upon the work required for admission.

(2) *For the Sophomore year yielding \$200, and for the Junior year yielding \$200* to be awarded annually, partly on the basis of the general scholarship of the Sophomore or Junior year and partly on the basis of an examination on certain specified subjects to be passed in June of each year.

(3) *The Horace F. Clark Scholarship for the Senior class yields \$400*, and is awarded on conditions similar to the pre-

ceding, provided the successful candidate remain in Williams-town the year immediately after graduation, pursuing a course of study under the direction of the Faculty, the sum to be paid one-half at the end of senior year and one-half at the close of such year of graduate study.

The subjects for the special examination are to be a major and a minor subject chosen from different departments of study, and must be submitted by the fifteenth of October each year to the Committee of the Faculty (consisting for the present year of Professors Hewitt, Fernald, and Lefavour).

CLASS SCHOLARSHIPS

The income of the following Scholarships is conferred on persons selected by the classes, or by their representative :

The " Scholarship of the class of 1851 "	\$2,500.00
The " Scholarship of the class of 1852 "	1,808.00

SCHOLARSHIP FUNDS

The income of all the endowments mentioned below, amounting to about \$7,000, is distributed annually, at the discretion of the Trustees, among those students who are known to need aid, for the partial or entire payment of their college bills. Assistance will be given only to candidates for the bachelor's degree.

Those who apply for this aid are expected to show that they are in need of it, and also to prove by their work and conduct as students that they are worthy of it.

In accordance with a recent vote of the Trustees this aid will be withheld from such students as fail to maintain a respectable standing in scholarship. Any student who, by reason of failure at a regular examination, is conditioned on the studies of any term and required to take a second examination, and any student who shall fail to attain an average mark of sixty-five per cent. in the studies of any term, will forfeit this assistance for the next term. Repeated failures of this kind

will exclude him from further pecuniary aid. Neglect of duty, disregard of college laws, or indulgence in expensive habits will occasion a similar exclusion.

The amount allowed to a student lodging in a private or club house will generally be less than that granted to one who occupies a room in the college buildings.

A form of application may be obtained of the Secretary of the Faculty. Such an application, with the proper signatures, must be submitted to the authorities of the college. The receipt of aid for one year will not establish a claim to it for another year.

In assigning the income of the Horace Nathaniel Pennoyer Scholarship, the gift of ex-Governor Sylvester Pennoyer of Oregon, in memory of his son, who died at the Infirmary of the College, November 24, 1894, preference will be given to students from the State of Oregon.

The income of \$6,000, the gift of Ebenezer R. Goodnow of Charlemont, will also ultimately be devoted to the assistance of indigent students.

Baldwin Fund	\$28,000.00
Alumni Scholarship Fund	10,000.00
Mills Fund	8,000.00
State Fund	7,500.00
Woodbridge Little Fund	6,000.00
Starkweather Fund	1,000.00
Means Fund	1,000.00
Moses Day Fund	5,000.00
Barnes Fund	300.00
Jessup Fund	1,000.00
Three State Scholarships	4,500.00
Thomas Thornton Read Permanent Fund	4,965 75
Horace Nathaniel Pennoyer Scholarship	3,500.00
Thomas Thornton Read Scholarship	2,500.00
Francis Henshaw Dewey Scholarship	3,000.00
Henshaw Scholarship	3,000.00
Louisa F. Bartlett Scholarship	2,500.00
Homer Bartlett Scholarship	2,500.00
William Hyde Scholarship	2,500.00
Mrs. William Hyde Scholarship	2,500.00

Orrin Sage Scholarship	\$2,500.00
Miss Sarah R. Sage Scholarship	2,500.00
Hancock Scholarship	2,500.00
Olin White Geer Memorial Scholarship	2,500.00
Chadbourn Scholarship	2,500.00
Henry P. Brush Scholarship	2,375.00
Amos Lawrence Scholarships	2,000.00
Dewey Scholarship	1,500.00
Olin Scholarship	1,000.00
George H. Rosseter Scholarship	1,000.00
Newton Henry Rosseter Scholarship	1,000.00
Cone Scholarship	1,000.00
Stoddard Scholarship	1,000.00
Emory Washburn Scholarship	1,000.00
Sarah Woodhull Arms Scholarship	1,000.00
Cyrus Taggart Mills Scholarship	1,000.00
Merriam Scholarship	550.00
Barker Scholarship	500.00
Mason Scholarship	500.00
Bancroft Scholarship	500.00
Bela Peck Williams Scholarship	500.00
Thomas W. Williams Scholarship	500.00

EXPENSES

TREASURER'S BILLS

Tuition, \$35 per term	\$105.00	\$105.00
Library	4.50	4.50
Gymnasium	3.00	3.00
Room rent, \$2.50 to \$37.50 per term	7.50	\$112.50
	<u>\$120.00</u>	<u>\$225.00</u>

In addition to these items a fee is charged for the use of apparatus and materials in connection with the elective courses in Biology, Chemistry, and Physics, namely, for the Junior courses in Biology \$15, in Chemistry \$15 and breakage, and in Physics \$12; the charges for the Senior courses are \$15 in Biology, \$25 and breakage in Chemistry, and \$15 in Physics. A small charge is made in each of these departments for the use of apparatus and materials in connection with the required courses. All fees mentioned in this paragraph are paid directly to the respective departments.

An additional charge of \$9 is made on the last term bill of Seniors to cover the cost of diploma, the general catalogue, and the alumni dinner.

Students are required to pay their term bills in advance. In case of failure to do this by the end of the second week of the term, they may be excluded from all college exercises.

Those students who, from choice or necessity, room in town, can obtain rooms at prices somewhat higher than the rates charged in college.

GENERAL EXPENSES

The following is an estimate of the necessary expenses for the college year :

Board, \$3.25 to \$6 per week, for 36 weeks	\$117.00	\$216.00
Washing	15.00	20.00
Fuel and light	8.00	18.00
	<hr/>	<hr/>
	\$140.00	\$254.00

To the above items must be added the expense of furnishing room, cost of text-books, and incidentals. The amount of incidental expenses will depend very much on the habits of the student. It is earnestly recommended that parents and guardians should not authorize their sons and wards to obtain credit in town, and should not pay debts contracted without their authority.

Any special damage done by students to college property will be charged in their term bills.

Those who enter on an advanced standing, unless they come from another college, pay the following sums as entrance fees, viz. : Sophomores, \$10 ; Juniors, \$20 ; Seniors, \$30 ; and this rule is also applicable to partial-course students.

COLLEGE HALL

The house known as College Hall was built and furnished by the friends of the college in order to reduce the price of board for students. It is expected that the price will not exceed \$3.25 per week.

Board can be obtained in private houses, in clubs, or in the hotels at prices ranging from \$3.50 to \$6.00 per week.

COLLEGE ROOMS

In the dormitories of Williams College there are accommodations for two hundred and forty-nine students. With a few exceptions each room is intended for two occupants.

Students having college aid are required to room in either West College, East College, South College, or Kellogg Hall.

Each student renting a college room will have the legal relation of a tenant, and will be held responsible for damage done to his room.

Students who are about to enter the college can secure rooms in college buildings after their entrance papers are accepted. Rooms in Morgan Hall and College Hall are assigned in the order of application and secured by the advance payment of one term's rent.

PRIZES AWARDED AT COMMENCEMENT, 1896

BENEDICT PRIZES

In Latin

FIRST PRIZE—James Bissett Pratt	Class of 1898
SECOND PRIZE—Harry Hopkins Hubbell	" " "
HONORABLE MENTION—Frederic Taylor Wood . .	

In Greek

FIRST PRIZE—James Bissett Pratt	Class of 1898
SECOND PRIZE—Harry Hopkins Hubbell	" " "
HONORABLE MENTION—William Henry Matthews .	

In Mathematics

FIRST PRIZE—James Bissett Pratt	Class of 1898
SECOND PRIZE—Henry Woodruff Titus	" " "
HONORABLE MENTION—Clifford Campbell Haskins and Harry Hopkins Hubbell	

In History

FIRST PRIZE—Willard Dean Shannahan	Class of 1896
SECOND PRIZE—George Kendrick Buck	" " "
HONORABLE MENTION—Edmonds Putney	

In Natural History

FIRST PRIZE—Robert Allyn Budington	Class of 1896
SECOND PRIZE—David Moorad Yeretsian	" " "
HONORABLE MENTION—Clarence Wells Dunham .	

In French

FIRST PRIZE—Edmond Wood Billetdoux	Class of 1899
SECOND PRIZE—Karl Ephraim Weston	" " 1896
HONORABLE MENTION—Sylvester Chittenden Deming .	

In German

FIRST PRIZE—Willard Dean Shannahan	Class of 1896
SECOND PRIZE—Clarence Wells Dunham	" " "
HONORABLE MENTION—Charles Francis Lyon . .	

PRIZE FOR PRIZES

Clarence Wells Dunham

GRAVES PRIZES

For Essays—Class of 1896

George Kendrick Buck	William Andrew Lockwood
Thomas Bigelow Cowen	Edmonds Putney
Philip H. Dater	James Wells Reed

For Excellence of Delivery

George Kendrick Buck

RHETORICAL PRIZES

General Prize

James Bissett Pratt	Class of 1898
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Junior Prizes

FIRST PRIZE—John Francis Murray	Class of 1897
SECOND PRIZE—Charles Albert Wright	" " 1897

Sophomore Prizes

FIRST PRIZE—Lewis Perry	Class of 1898
SECOND PRIZE—George Gilmore Scott	" " "

TRUSTEES RHETORICAL PRIZES

For Excellence in Declamation

FIRST PRIZE—James Maudly Hills	Class of 1899
SECOND PRIZE—Charles Thomas Whelan	" " "

DEWEY PRIZE

For Excellence in Commencement Exercises

David Moorad Yeretsian	Class of 1896
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VAN VECHTEN PRIZE

For Extemporaneous Speaking

James Wells Reed	Class of 1896
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RICE PRIZES

In Latin

FIRST PRIZE—Equally divided between Karl Ephraim Weston and William Williamson	Class of 1896
SECOND PRIZE—John William Bockes	" " "

In Greek

FIRST PRIZE—Willard Dean Shannahan	Class of 1896
SECOND PRIZE—Clarence Wells Dunham	" " "

Book Prizes from the Rice Fund. Class of 1898.

James Frederick Bacon	Walter Edwin Orton
William Henry Matthews	Henry Woodruff Titus
Edward James Maroney	Frederic Taylor Wood

HONOR SCHOLARSHIPS

Thomson Scholar, Albert Le Roy Andrews . . .	Class of 1899
J. Ruthven Adriance Scholar, Edmond Wood Billetdoux .	" " "
Warren Scholar, Edward Francis Taylor . . .	" " "
Gilson Scholar, Harry Hopkins Hubbell . . .	" " 1898

THE HORACE F. CLARK SCHOLARSHIP

Willard Dean Shannahan.	Class of 1896
Grosvenor Bouton Hill	" " 1897
James Bissett Pratt	" " 1898

APPOINTMENTS FOR COMMENCEMENT

CLASS OF 1896

Valedictory

Willard Dean Shannahan

Salutatory

Clarence Wells Dunham

Philosophical Orations

Edmonds Putney

Karl Ephraim Weston

Orations

John William Bockes

Edward Calvin Durfee

Horace Greeley Brown

William Winn Hartwell

Sylvester Chittenden Deming

George Bancroft Kilbourne

William Williamson

Dissertations

First Class

Philip H. Dater

Clarence Eliud Parker

Nathaniel Williams Parker

Clarence John Russell

Second Class

Frederick Bowden Ayer

Walter Ward Cooper

Leonard Titus Haight

Henry Seymour Knight

Charles Francis Lyon

Fred Hulse Mapes

James Wells Reed

Henry Brainard White

David Moorad Yeretsian

DEGREES CONFERRED IN 1896

BACHELOR OF ARTS

Frederick Alonzo Alden	William Kirk, Jr.
Frederick Bowden Ayer	Henry Seymour Knight
Arthur Ward Bailey	Edward Morgan Lewis
James McConnell Bailey	William Andrew Lockwood
Francis Edgar Bates	Charles Francis Lyon
Edward Willard Blodgett	James Arthur Lytle
John William Bockes	Thomas Corwin McDowell
Horace Greeley Brown	Fred Hulse Mapes
George Kendrick Buck	Berthier Whitford Mather
Robert Allyn Buddington	John Arthur Miller
Charles Edward Buell	Paul Caldwell Mitchell
Charles Francis Canedy	Clarence Eliud Parker
Sumner Allen Chapman	Nathaniel Willis Parker
Ernest Harold Cluett	Henry Stuart Patterson
Walter Ward Cooper	Edmonds Putney
Thomas Bigelow Cowen	James Wells Reed
Philip H. Dater	Sanford Robinson
George Edward Deely	Robert Wells Root
Sylvester Chittenden Deming	Clarence John Russell
Clarence Wells Dunham	Willard Dean Shannahan
Edward Calvin Durfee	Theodore Hinman Simmons
Frederic Crook Eastman	Dwight Gordon Smith
Augustus Graves Ely	William Aaron Spangler
William Rickcords Folsom	Charles Edward Street
Islay Van Horn Gill	Dudley Woodbridge Strickland
Theodore Gilman, Jr.	William Richardson Thurston
Leonard Titus Haight	William Groat Van Loon
William Winn Hartwell	Karl Ephraim Weston
George Walter Humphrey	Henry Brainard White
James Herbert Irish	William Williamson
George Bancroft Kilbourne	David Moorad Yeretsian
Weston Jenkins	Henry Baldwin Leonard

MASTER OF ARTS

Alfred Mason Amadon

Charles Albert Browne, Jr.

George William Hunter, Jr.

HONORARY DEGREES**DOCTOR OF DIVINITY**

Reverend Theophilus Parsons Sawin

Reverend James Edward Tracy

DOCTOR OF LAWS

George Birkbeck Hill

William Swinton Bennett Hopkins

Julius Sterling Morton

DOCTOR OF SCIENCE

John Henry Haynes

MASTER OF ARTS

Franklin Weston Bartlett

Thomas Nelson Dale

Frank Goodrich

Hamilton Lee

Asa Henry Morton

George Moritz Wahl

STUDENTS

CANDIDATES FOR THE DEGREE OF MASTER OF ARTS

Walter Andrew Bratton, B.A., 1895, Walla Walla, Wash.

Mathematics

John Potter Congdon, B.A., 1895, Williamstown

Physics, Mathematics

James Ray Craighead, B.A., 1895, Lansingburgh, N. Y.

German

Alvan Emile Duerr, B.A., 1893, Philadelphia, Pa.

German

Clarence Wells Dunham, B.A., 1896, North Adams

German, Greek

Frank Price Frein, B.A., 1892, Great Barrington

French, Spanish

Alvan John Holley, B.A., 1894, Hoosac, N. Y.

English History, English Literature

Harry Baldwin Leonard, B.A., 1895, Williamstown

History, Political Science

Adam Leroy Jones, B.A., 1895, New York City

Philosophy, English Literature

Edward Morgan Lewis, B.A., 1896, Cambridge

English, History

Frederick William Memmott, B.A., 1895, North Adams

English Literature

Morrison Ellsworth Meriam, B.A., 1892, Randolph, O.

History, Political Science

Franklin Hubbell Mills, B.A., 1893, Brooklyn, N. Y.
Archæology, History

Howard Opdyke, B.A., 1893, Schenectady, N. Y.
Physics

Payn Bigelow Parsons, B.A., 1892, Albany, N. Y.
Psychology, French, German

Willard Dean Shannahan, B.A., 1896, Williamstown
Archæology, History

Elnathan Sweet, Jr., B.A., 1895, Albany, N. Y.
English Literature, History

Edward Dudley Tibbits, B.A., 1881, Hoosac, N. Y.
English History, English Literature

Charles Lyman Warner, B.A., 1891, Waterville, N. Y.
Greek, Latin

Walter Anson Weed, Jr., B.A., 1892, Pottstown, Pa.
Latin

Payson Sibley Wild, B.A., 1891, Manlius, N. Y.
German, Greek

William Williamson, B.A., 1896, Williamstown
French, Latin

Frank Albert Wilson, B.A., 1889, Worcester
French, Italian

William Robert Anthony Wilson, B.A., 1892, M.D. (*Columbia Univ.*),
New York City
History, English Literature

GRADUATE STUDENTS, 24

SENIOR CLASS

Edgar Willey Ames	<i>Sherburne, N. Y.</i>	Mr. Simonds's
George Walter Ashton	<i>Blackinton</i>	2 E. C.
Almon Colburn Barrell	<i>Albion, N. Y.</i>	Z. Ψ. House
Cevedra D. Blake	<i>St. Louis, Mo.</i>	A. Δ. Φ. House
Dalton Hiram Blanchard	<i>Benson, Vt.</i>	10 K. H.
William Baylies Bliss, Jr.	<i>Fall River</i>	8 K. H.
Richard Robertson Bradbury	<i>New York City</i>	Δ. K. E. House

Alonzo Farley Brewer	<i>Newton Centre</i>	22 E. C.
Howard Munson Briggs	<i>Lansingburgh, N. Y.</i>	8 E. C.
William Robinson Brown	<i>Portland, Me.</i>	K. A. Lodge
William Adams Burns	<i>Pittsfield</i>	Δ. T. House
Robert Francis Cheney	<i>Lee</i>	Library
Egerton Chichester	<i>New York City</i>	Δ. Ψ. Lodge
Richard Henry Chute, Jr.	<i>Minneapolis, Minn.</i>	21 M. H.
Stephen Dutton Clarke	<i>Buffalo, N. Y.</i>	Δ. Ψ. Lodge
Guy Leartus Connor	<i>Detroit, Mich.</i>	Z. Ψ. House
Ray Connor	<i>Detroit, Mich.</i>	Z. Ψ. House
Clifford Henry Coon	<i>Adams Centre, N. Y.</i>	23 E. C.
Francis Patrick Cullen	<i>Pittsfield</i>	9 E. C.
Winterton Conway Curtis	<i>The Dalles, Ore.</i>	10 S. C.
Alexander Davidson	<i>Albany, N. Y.</i>	Z. Ψ. House
Robert Fuller Denison	<i>Cleveland, O.</i>	Φ. Δ. Θ. House
Francis Edward Dewey	<i>Milwaukee, Wis.</i>	Δ. Ψ. Lodge
George Phillips Dike	<i>Auburndale</i>	28 W. C.
Hugh Paton Drysdale	<i>North Adams</i>	21 E. C.
Frank Lewis Duley	<i>Gloucester</i>	10 S. C.
Howard Bertram Elliott	<i>New Rochelle, N. Y.</i>	Mr. Simonds's
George William Gillette	<i>Canandaigua, N. Y.</i>	X. Ψ. Lodge
Reid Gilmore	<i>Salem, N. Y.</i>	10 E. C.
Clinton Burr Goodrich	<i>North Adams</i>	Θ. Δ. X. House
Gurdon Wright Gordon	<i>Sheffield</i>	23 E. C.
William Ellery Greene	<i>Cleveland, O.</i>	Z. Ψ. House
Damon Everett Hall	<i>Williamstown</i>	20 E. C.
Laurence Ashley Hawkins	<i>Pittsfield</i>	Θ. Δ. X. House
George Brown Hedges	<i>New York City</i>	Δ. Ψ. Lodge
John Francis Heffernan	<i>Housatonic</i>	Mr. Towne's
Grosvenor Bouton Hill	<i>Lockport, N. Y.</i>	19 E. C.
Jerome Odell Hoyt	<i>Cambridge, N. Y.</i>	Mr. Simonds's
Philip Lyman James	<i>Williamsburg</i>	A. Δ. Φ. House
John Bradfute Knox	<i>Yellow Springs, O.</i>	Mr. Simonds's
Edwin Waterman Lee	<i>St. Louis, Mo.</i>	X. Ψ. Lodge
Maurice Ambrose Levy	<i>West Townsend</i>	Chapel
Guy Alton McGowan	<i>Canandaigua, N. Y.</i>	10 K. H.

Frederic Lee Matthews	Youngstown, O.	17 S. C.
Roy Waldo Miner	North Adams	6 E. C.
John Francis Murray	Troy, N. Y.	Mr. Towne's
Lynn Carlton Norris	Canandaigua, N. Y.	6 K. H.
George Tyler Northup	Evanston, Ill.	Φ. Δ. Θ. House
Herbert Peake	Walton, N. Y.	13 C. H.
James McLaury Peake	Walton, N. Y.	13 C. H.
Charles Francis Pease	Chester	6 C. H.
Eugene Bennett Pierce	Putney, Vt.	19 E. C.
Herbert Lee Pratt	Hingham Centre	Δ. Γ. House
Burritt Fitch Prudden	Oswego, N. Y.	17 S. C.
Clarence Earle Rexford	Winsted, Ct.	1 E. C.
Albert Adien Reynolds	North Adams	11 K. H.
Wallace Everett Richmond	North Adams	6 E. C.
Edwin Nicholas Riggins	East Orange, N. J.	6 C. H.
Herbert Francis Roy	Troy, N. Y.	K. A. Lodge
John Ryan	North Adams	9 E. C.
Moses Weld Terrill	Morrisville, Vt.	18 E. C.
Lyman Hinsdill Toombs	North Bennington, Vt.	10 E. C.
Gilbert Earle Treat	Auburn, N. Y.	Φ. Δ. Θ. House
Charles Hemenway Upton	Springfield	Δ. K. E. House
Edwin Midgley Walker	Lockport, N. Y.	9 S. C.
Fred Brown Whitney	Waukegan, Ill.	Δ. Γ. House
Frank Marion Williams	Cheshire	Θ. Δ. X. House
John Kirke Williams	Peacham, Vt.	14 S. C.
Charles Albert Wright	Moravia, N. Y.	11 K. H.

SENIORS, 69

JUNIOR CLASS

Cecil Frederick Bacon	Toledo, O.	Δ. K. E. House
James Frederick Bacon	Pittsfield	10 C. H.
Samuel Alexander Baillie	Troy, N. Y.	11 E. C.
Ernest Bamberger	Salt Lake City, Utah	X. Ψ. Lodge
Jesse Battey Barns	Milford	11 S. C.
George Barber Barrell	Albion, N. Y.	Z. Ψ. House
John Martin Bleler	Boston	4 W. C.

Samuel Wells Bowerman	<i>Pittsfield</i>	Σ . Φ . Place
John Ransom Bragdon	<i>Auburndale</i>	Δ . K. E. House
Philip Marshall Brown	<i>Woburn</i>	7 K. H.
James Thomas Buckley	<i>North Adams</i>	16 S. C.
Roy Clement Burr	<i>Worthington</i>	26 W. C.
Cornelius Murtoth Callahan	<i>Norwood</i>	11 W. C.
Walter Albert Carr	<i>Concord</i>	4 W. C.
Clinton Churchill Clarke, Jr.	<i>Chicago, Ill.</i>	Δ . Υ . House
Ernest Jesse Cory	<i>Buskirk's Bridge, N. Y.</i>	20 E. C.
Albert Roscoe Tenney Davis	<i>Fall River</i>	5 E. C.
Charles Henry Davis	<i>Ware</i>	Θ . Δ . X. House
George Edward Denman	<i>Auburn, N. Y.</i>	8 K. H.
William Howard Doughty, Jr.	<i>Troy, N. Y.</i>	K. A. Lodge
Ralph Walton Dunbar	<i>Brookline</i>	Θ . Δ . X. House
Herman White Fifer	<i>Bloomington, Ill.</i>	Φ . Δ . Θ . House
Charles William Floyd	<i>Memphis, Tenn.</i>	Δ . K. E. House
Claude Augustine Frink	<i>North Adams</i>	5 E. C.
Charles William Gamwell	<i>Pittsfield</i>	10 C. H.
Matthew Addison Graff	<i>Shields, Pa.</i>	Φ . Δ . Θ . House
Elwin Arthur Graves	<i>Wilmington, Vt.</i>	11 E. C.
Charles Edward Hamilton	<i>Greenwich, N. Y.</i>	Mr. Hamilton's
Clifford Campbell Haskins	<i>North Adams</i>	3 E. C.
Lawrence Riggs Howard	<i>Glencoe, Ill.</i>	28 W. C.
Harry Hopkins Hubbell	<i>Buffalo, N. Y.</i>	3 K. H.
Elmore Edward Hutchinson	<i>Pearl Creek, N. Y.</i>	5 W. C.
George Peck Ide, Jr.	<i>Troy, N. Y.</i>	Δ . Ψ . Lodge
John Henry Lotz	<i>Kinsman, O.</i>	20 W. C.
Joseph William McConnell	<i>Fitchburg</i>	3 E. C.
William Dolphin McGuire, Jr.	<i>Rochester, N. Y.</i>	4 K. H.
Roy Herbert Macumber	<i>Manchester, N. Y.</i>	5 W. C.
Olney Blanchard Mairs	<i>Brooklyn, N. Y.</i>	Δ . K. E. House
Edward James Maroney	<i>Springfield</i>	12 E. C.
William Henry Matthews	<i>Huntington</i>	20 W. C.
Albert Rowcliffe Moffit	<i>Princeville, Ill.</i>	12 K. H.
Fred Beebe Newman	<i>Plainfield, N. J.</i>	Z. Ψ . House
Harry Dwight Nims	<i>Concord, N. H.</i>	Z. Ψ . House

Guy Hinchman Noble	<i>Morristown, N. J.</i>	Mrs. Hart's
Charles Percy Parkhurst	<i>St. Paul, Minn.</i>	3 W. C.
Lewis Perry	<i>Williamstown</i>	Dr. Perry's
James Bissett Pratt	<i>Elmira, N. Y.</i>	22 M. H.
William Thomas Quinn	<i>Williamstown</i>	Mrs. Quinn's
George Payson Rowell	<i>Franklin, N. Y.</i>	12 S. C.
Frederick Winslow Rust	<i>Kansas City, Mo.</i>	Δ . K. E. House
George Gilmore Scott	<i>Geneseo, N. Y.</i>	12 K. H.
John Seymour Stone, Jr.	<i>Great Barrington</i>	21 E. C.
Harry Sumner Templeton	<i>Halsey, Ore.</i>	5 K. H.
John Henry Thorpe	<i>Cohoes, N. Y.</i>	12 S. C.
Henry Woodruff Titus	<i>Auburn, N. Y.</i>	7 K. H.
Rossiter Blake Towle	<i>Omaha, Neb.</i>	Σ . Φ . Place
Percival Henry Truman	<i>Chicago, Ill.</i>	3 W. C.
Arthur Clements Twitchell	<i>Portland, Me.</i>	K. A. Lodge
William Francis Walsh	<i>Hancock</i>	Prof. Dodd's
Paul Harrison Waterman	<i>Westfield</i>	Φ . Δ . Θ . House
Russell Jones Wilbur	<i>Omaha, Neb.</i>	Σ . Φ . Place
Frederic Taylor Wood	<i>Newton Centre</i>	22 E. C.
Ray Palmer Woodin	<i>Great Barrington</i>	26 W. C.

JUNIORS, 63

SOPHOMORE CLASS

Albert LeRoy Andrews	<i>Williamstown</i>	9 K. H.
George Hanford Ansley	<i>Salamanca, N. Y.</i>	Mrs. Whelan's
Fred R. Baker	<i>Bloomington, Ill.</i>	18 M. H.
John Barker	<i>Pittsfield</i>	16 M. H.
William Henry Beattie	<i>Cohoes, N. Y.</i>	7 E. C.
Edmond Wood Billetdoux	<i>North Adams</i>	6 S. C.
Edward Rice Bolton	<i>Geneseo, N. Y.</i>	Δ . T. House
Alonzo Edwin Branch	<i>Malden</i>	Miss Bentley's
Edwin Morgan Brookfield	<i>New York City</i>	Mrs. Hart's
Fred LeRoy Brown	<i>Lansingburgh, N. Y.</i>	8 E. C.
Samuel Brown	<i>Greenwich, N. Y.</i>	Chemical Laboratory
Frank John Bruno	<i>Newark, N. J.</i>	3 S. C.
Guy Toland Butler	<i>London, O.</i>	Mr. Danforth's

Lawrence Whitney Carr	<i>Ashby</i>	15 W. C.
Franklin Carter, Jr.	<i>Williamstown</i>	5 C. H.
Ralph Starkweather Chandler	<i>Macomb, Ill.</i>	Θ. Δ. X. House
Barak Gritman Coles, Jr.	<i>New York City</i>	Δ. Γ. House
Onslow Wilberforce Comstock	<i>Charlestown</i>	21 W. C.
Henry Rutgers Conger	<i>New York City</i>	Mr. Prindle's
Horace Cottrell	<i>Hoosick Falls, N. Y.</i>	Mr. Simonds's
William Powers Dauchy	<i>Lansingburgh, N. Y.</i>	Σ. Φ. Place
William Henderson Davidson	<i>Cohoes, N. Y.</i>	1 W. C.
Marcus Morton Dean	<i>Pownal, Vt.</i>	2 K. H.
Ashton Philander Derby	<i>Gardner</i>	26 M. H.
Edward Crosby Doughty	<i>Troy, N. Y.</i>	K. A. Lodge
George Centennial Douglass	<i>Granville, N. Y.</i>	1 W. C.
Leo Kimball Eaton	<i>Oshkosh, Wis.</i>	26 M. H.
Alexander Diven Falck	<i>Elmira, N. Y.</i>	22 M. H.
Daniel Fitts, Jr.	<i>Haverhill</i>	18 M. H.
Walter Eugene Foster	<i>Langdon, N. H.</i>	8 S. C.
Robbins Gilman	<i>Yonkers, N. Y.</i>	K. A. Lodge
Thomas Pim Goodbody	<i>Paterson, N. J.</i>	X. Ψ. Lodge
Grosvenor Grannis	<i>Sing Sing, N. Y.</i>	Σ. Φ. Place
Joseph Ambrose Hall	<i>Brookline</i>	A. Δ. Φ. House
Joel Hatheway	<i>Peru</i>	30 W. C.
Alexander Henderson	<i>Brookline</i>	7 M. H.
Leonard Brooks Herrick	<i>Cleveland, O.</i>	16 M. H.
Rufus Percival Hibbard	<i>Gloucester</i>	11 S. C.
James Mandly Hills	<i>Brooklyn, N. Y.</i>	5 M. H.
Vernon Dayton Holbrook	<i>Morrisville, Vt.</i>	18 E. C.
Louis Philip Hoster	<i>Columbus, O.</i>	24 M. H.
Llewellyn Judson Howe	<i>Troy, N. Y.</i>	16 E. C.
John Gale Hun	<i>Albany, N. Y.</i>	K. A. Lodge
Stewart William Irwin	<i>West Hebron, N. Y.</i>	30 W. C.
Romeyn Buckbee Jansen	<i>Fonda, N. Y.</i>	5 M. H.
Leland Potter Jenks	<i>Williamstown</i>	9 K. H.
Harold Eddy Johnston	<i>Cohoes, N. Y.</i>	34 M. H.
Frederick Mensch Joiner	<i>Belvidere, N. J.</i>	24 E. C.
Sydney Tucker Jones	<i>Albany, N. Y.</i>	20 M. H.

Arthur Charles Kaufmann	<i>New York City</i>	32 M. H.
John Russell Keeler	<i>Canton, N. Y.</i>	15 M. H.
Walter Charles Kellogg	<i>Pittsfield</i>	7 E. C.
Henry Bennett Leary	<i>Penn Yan, N. Y.</i>	25 M. H.
Herbert Henry Lehman	<i>New York City</i>	32 M. H.
Henry Levi Mann	<i>Fitchburg</i>	26 M. H.
Orland White Mason	<i>Winchendon</i>	22 W. C.
William Mather	<i>Utica, N. Y.</i>	25 M. H.
Edward Abner May	<i>Lee</i>	24 E. C.
James Tyler Maynard, Jr.	<i>Worcester</i>	2 S. C.
Henry Edwin Moffett	<i>Cleveland, O.</i>	18 M. H.
Howard Benford Moore	<i>Circleville, O.</i>	Mr. Hogan's
Ralph Mosher	<i>Albion, N. Y.</i>	11 W. C.
Fancher Nicoll	<i>New York City</i>	12 M. H.
John Saunders Oakman	<i>Pittsfield</i>	Mr. Prindle's
Herbert Lozene Packard	<i>West Cummington</i>	13 S. C.
Horace Dwight Patterson	<i>New York City</i>	X. Ψ . Lodge
Frederick Rawcliffe	<i>Taunton</i>	2 W. C.
Paul Marshall Rea	<i>Exeter, N. H.</i>	14 E. C.
Albert Ambrose Richards	<i>West Winsted, Conn.</i>	16 E. C.
Elmore Preston Ross	<i>Springfield, O.</i>	Σ . Φ . Place
William Wickes Rossiter, Jr.	<i>Brooklyn, N. Y.</i>	8 M. H.
Edward Gould Rowland	<i>Lee</i>	13 S. C.
Harry Haynes Rowland	<i>Geneseo, N. Y.</i>	Θ . Δ . X. House
Jaques Cortelyou Rushmore	<i>Brooklyn, N. Y.</i>	8 M. H.
William McMurtrie Rutter	<i>Chicago, Ill.</i>	Σ . Φ . Place
Walter Leslie Sargent	<i>Quincy</i>	17 E. C.
George Demarest Sears	<i>Buffalo, N. Y.</i>	12 M. H.
Norman Burt Sherry	<i>Troy, N. Y.</i>	31 M. H.
Theodore Merrell Shipherd	<i>Southold, N. Y.</i>	17 E. C.
Gideon Pitts Short	<i>Honeoye, N. Y.</i>	2 W. C.
Harold Thomson Sloper	<i>New Britain, Conn.</i>	1 M. H.
Dana Levi Spring	<i>Franklinville, N. Y.</i>	15 M. H.
John Hunter Stearns	<i>Chicago, Ill.</i>	Σ . Φ . Place
Edward Francis Taylor	<i>Brooklyn, N. Y.</i>	12 E. C.
Henry Church Taylor	<i>Westfield</i>	23 M. H.

Edward Richmond Tinker	<i>Boston</i>	4 M. H.
Edwin Kellogg Trowbridge	<i>New York City</i>	4 M. H.
Harvey Judson Vary	<i>Skaneateles, N. Y.</i>	Φ. Δ. Θ. House
Adelbert Seymour Watson	<i>Cohoes, N. Y.</i>	6 S. C.
Charles Thomas Whelan	<i>Auburn, N. Y.</i>	Mrs. Whelan's
Marcus Wilbur White	<i>Williamstown</i>	Mr. White's
Edwin Haight Whitehead	<i>Passaic, N. J.</i>	7 W. C.
Henry Clarence Whitehead	<i>Passaic, N. J.</i>	7 W. C.
Arthur Lawrence Whitely	<i>Evanston, Ill.</i>	Δ. Γ. House
Edward Lyman Wilder	<i>Hoosick Falls, N. Y.</i>	3 S. C.
Irving Depew Wildey	<i>Albany, N. Y.</i>	15 W. C.
Herbert Ferron Wills	<i>North Adams</i>	2 K. H.
Ralph Lilly Wood	<i>Lansingburgh, N. Y.</i>	9 W. C.

SOPHOMORES, 98

FRESHMAN CLASS

William Chapman Abbott	<i>Stamford, Vt.</i>	29 W. C.
Henry Mott Allen	<i>Auburn, N. Y.</i>	20 M. H.
James Joseph Anderson	<i>Auburn, N. Y.</i>	13 E. C.
Charles Hume Baldwin, Jr.	<i>Amsterdam, N. Y.</i>	Α. Δ. Φ. House
Harold Albertus Bates	<i>Homer, N. Y.</i>	Mrs. Whelan's
Michael Francis Black	<i>Williamstown</i>	Mr. Neyland's
Robert Clifford Black, Jr.	<i>Pelham Manor, N. Y.</i>	31 M. H.
James Wilson Boyd	<i>Danbury, Conn.</i>	13 K. H.
John Bray	<i>Middleport, N. Y.</i>	16 W. C.
Sidney Gray Bristol	<i>Western Union, Wis.</i>	4 E. C.
Alfred Dudley Britton	<i>Brooklyn, N. Y.</i>	28 M. H.
Harrison Morgan Brown	<i>Winchester, Va.</i>	17 W. C.
Dudley Butler	<i>Madison, N. J.</i>	Mrs. Sutherland's
George Parker Campbell	<i>Rutland</i>	14 W. C.
George Montgomery Chadwell	<i>Williamstown</i>	17 W. C.
Richard Brewster Chapman	<i>Ogdensburg, N. Y.</i>	18 C. H.
Burton Melville Clough	<i>Sebago, Me.</i>	5 S. C.
Marion Green Cole	<i>Hoosick Falls, N. Y.</i>	4 S. C.
Roswell Doty Cooper	<i>Little Falls, N. Y.</i>	17 M. H.

James Boyd Coxe	<i>Toledo, O.</i>	X. Ψ. Lodge
Fred Wilder Cross	<i>South Royalston</i>	14 W. C.
Francis Jenkins Danforth	<i>New York City</i>	6 M. H.
Ralph Emerson Danforth	<i>Philadelphia, Pa.</i>	5 K. H.
David Davis	<i>Bloomington, Ill.</i>	Mrs. Sutherland's
John Asa De Camp	<i>Tuscarora, N. Y.</i>	27 W. C.
Harlan Ingalls Dennett	<i>North Adams</i>	25 W. C.
Condit Woodhull Dibble	<i>Perry, N. Y.</i>	Mr. Sanford's
Giles Hotchkiss Dickinson	<i>Binghamton, N. Y.</i>	Mrs. Whelan's
Hobert Cutler Dickinson	<i>Whately</i>	29 W. C.
John Athanasius Djerf	<i>New York City</i>	21 W. C.
Willard Foster Doolittle	<i>Brockport, N. Y.</i>	27 W. C.
Louis LeGrand Draper	<i>Lansingburgh, N. Y.</i>	33 M. H.
Philip Richards Dunbar	<i>Brookline</i>	13 K. H.
Franklin Boyd Edwards	<i>Lisle, N. Y.</i>	Mr. Sanford's
Wallace Strong Farnham	<i>South Windsor, Conn.</i>	35 M. H.
William James Ferguson	<i>Princeville, Ill.</i>	10 W. C.
Arthur Winfred Ferry	<i>Saratoga Springs, N. Y.</i>	12 W. C.
Wilbur Byron Fryer	<i>Middle Falls, N. Y.</i>	5 K. H.
Tyler Eddy Gale	<i>Worcester</i>	6 W. C.
Russell Cabot Gibbs	<i>Newtonville</i>	6 W. C.
Charles Newman Hall	<i>Brooklyn, N. Y.</i>	24 W. C.
Harry Pierson Hammond	<i>Brooklyn, N. Y.</i>	24 W. C.
Arthur Foster Hebard	<i>Brooklyn, N. Y.</i>	28 M. H.
Charles Fisher Hepburn	<i>New York City</i>	9 M. H.
Clarence West Hodges	<i>Randolph, Vt.</i>	12 W. C.
Albert Hopkins	<i>Kansas City, Mo.</i>	14 C. H.
Wolcott Julius Humphrey	<i>Warsaw, N. Y.</i>	Mr. Sanford's
George Herbert Huntington	<i>Milton</i>	23 W. C.
Austin Dickinson Jenkins	<i>Portland, Me.</i>	Mrs. Hart's
Jacob Klemann, Jr.	<i>New York City</i>	32 W. C.
Dwight Ralston Little	<i>Sheffield</i>	15 E. C.
Kenneth Lord	<i>Brooklyn, N. Y.</i>	Σ. Φ. Place
Charles Denison Makepeace	<i>West Barnstable</i>	Mr. Gavitt's
Herbert Rowe Mather	<i>Brooklyn, N. Y.</i>	6 M. H.
George Power Merrett	<i>London, Eng.</i>	5 S. C.

Frederick Augustus Miller	<i>Rome, N. Y.</i>	4 S. C.
Thomas Harold Morrison	<i>Smethport, Pa.</i>	14 M. H.
Samuel Lewis Motter	<i>Adamstown, Md.</i>	16 W. C.
Kenneth Mygatt	<i>New York City</i>	14 C. H.
Elwin Lawrence Page	<i>Concord, N. H.</i>	14 E. C.
Arthur Coxe Patterson	<i>New York City</i>	29 M. H.
Laurence Worthington Pierce	<i>Waltham</i>	9 C. H.
William Caldwell Plunkett	<i>Adams</i>	35 M. H.
William Beaumont Putney, Jr.	<i>New York City</i>	23 M. H.
George Holmes Read	<i>Fall River</i>	3 K. H.
James Barbour Richardson	<i>New York City</i>	4 E. C.
William Howard Richardson	<i>Glendale, O.</i>	14 M. H.
Everett Edwin Risley	<i>Utica, N. Y.</i>	30 M. H.
Lewis Roberts	<i>Yonkers, N. Y.</i>	K. A. Lodge
Mark Homer Rogers	<i>Allston</i>	9 C. H.
Allen Howard Russell	<i>Williamstown</i>	Mr. Russell's
Pierce Hubbard Russell	<i>Troy, N. Y.</i>	9 W. C.
Rhea Barton Rutter	<i>Chicago, Ill.</i>	Σ. Φ. Place
Truman Laurance Saunders	<i>Williamstown</i>	8 W. C.
Charles Hill Seaver	<i>Wyoming, N. Y.</i>	10 W. C.
Boudinot Seeley, Jr.	<i>Portland, Ore.</i>	13 W. C.
Lawrence Henry Smith	<i>Le Roy, N. Y.</i>	17 M. H.
Dering Jay Sprague	<i>Salem, N. Y.</i>	8 W. C.
Charles Anthony Squires	<i>Plainfield, N. J.</i>	2 M. H.
Fred Squires	<i>Plainfield, N. J.</i>	2 M. H.
Chester Dewey Stiles	<i>Westfield</i>	15 E. C.
Charles Clark Stillman	<i>Troy, N. Y.</i>	13 W. C.
Charles Nowell Stoddard	<i>Greenfield</i>	33 M. H.
Oscar Dickinson Street	<i>Lee</i>	1 E. C.
Elijah Kent Swift	<i>Eau Claire, Wis.</i>	21 M. H.
Henry Spangler Thompson	<i>Saginaw, Mich.</i>	Mrs. Whelan's
Allen Sterling Titus	<i>Buffalo, N. Y.</i>	Mr. Sanford's
James Owen Tryon	<i>Athens, N. Y.</i>	38 M. H.
Henry Schuyler Van Ingen	<i>Kenosha, Wis.</i>	Mrs. Hart's
George Atherton Vose	<i>Brookline</i>	3 M. H.
Israel Wilbur Ward	<i>Bloomfield, N. J.</i>	23 W. C.

William Richard Warren	<i>Key West, Fla.</i>	25 W. C.
Sydney Hall Wentworth	<i>Spokane, Wash.</i>	31 W. C.
Richard Ferdinand Williams	<i>New York City</i>	Mrs. Wardwell's
William Rensslear Williams	<i>Peacham, Vt.</i>	14 S. C.
John P. Wilson, Jr.	<i>Chicago, Ill.</i>	29 M. H.
Edgar Hunt Woodward	<i>Morristown, N. J.</i>	36 M. H.
Henry Douglas Woodward	<i>Morristown, N. J.</i>	36 M. H.

FRESHMEN, 98

SPECIAL STUDENTS *

Edward Michael Anderson	<i>Auburn, N. Y.</i>	13 E. C.
John Fillmore Burket	<i>Findlay, O.</i>	Mrs. Hart's
Ralph Emerson Chapin	<i>Fort Wayne, Ind.</i>	13 M. H.
Henry Davenport Cleveland	<i>New York City</i>	K. A. Lodge
Treadwell Cleveland, Jr.	<i>West Orange, N. J.</i>	K. A. Lodge.
William Rowe Conklin	<i>New York City</i>	Mrs. Cole's
Charles McClure Doland	<i>Spokane, Wash.</i>	31 W. C.
Allen Hamilton, 2d	<i>Fort Wayne, Ind.</i>	Prof. Lefavour's
Charles Newton Prouty, Jr.	<i>Spencer</i>	K. A. Lodge
Richard Ashley Rice	<i>Williamstown</i>	5 C. H.
Raymond John Rulifson	<i>Rochester, N. Y.</i>	Mr. Hogan's
Robert Chauncey Seaver	<i>Brookline</i>	3 M. H.
Fred Barnett Shoaff	<i>Fort Wayne, Ind.</i>	13 M. H.
Dean Culver Smith	<i>New York City</i>	22 W. C.
Russell Brewster Southwick	<i>Northampton</i>	Mr. N. F. Smith's

SPECIAL STUDENTS, 15

PARTIAL COURSE STUDENTS

William Czar Bradley	<i>Nyack, N. Y.</i>	A. A. Φ. House
Winthrop Evarts Brown	<i>Troy, N. Y.</i>	24 M. H.
Charles Mayhew Carpenter	<i>Schuylerville, N. Y.</i>	Mr. Towne's
Griswold Green	<i>Troy, N. Y.</i>	Mr. Gavitt's
Robert Amos Hawley	<i>Le Roy, O.</i>	9 M. H.
Ralph Spencer Keep	<i>Lockport, N. Y.</i>	Z. Ψ. House

* Candidates for a degree whose names are not printed with their classes because of irregular or deficient courses.

Arthur Ketchum	<i>New York City</i>	Prof. Lefavour's
Allyn Ricker Marsh	<i>Springfield</i>	38 M. H.
James Hall Marshall	<i>Brookline</i>	17 C. H.
Frank Rockwell Marvin	<i>Akron, O.</i>	Mr. Adams's
Edward Rufus Sibley	<i>Rochester, N. Y.</i>	Mrs. Wardwell's
Robert Wickersham Stimson	<i>Pasadena, Cal.</i>	7 M. H.
Garrett Voorhees Stryker	<i>Williamstown</i>	White Oaks
Isaac Henry Vrooman, Jr.	<i>Albany, N. Y.</i>	34 M. H.
Edward Ashley Watson	<i>Brookline</i>	A. A. Φ. House
William Newton Wetterau	<i>Poughkeepsie, N. Y.</i>	30 M. H.
John Putnam Wilkes	<i>Grand Rapids, Mich.</i>	30 M. H.
J. Randall Williams, Jr.	<i>Haverford, Pa.</i>	Mrs. Sabin's
PARTIAL COURSE, 18		

SUMMARY

GRADUATE STUDENTS	.	.	.	.	24
SENIORS	.	.	.	.	69
JUNIORS	.	.	.	.	63
SOPHOMORES	.	.	.	.	98
FRESHMEN	.	.	.	.	98
SPECIAL STUDENTS	.	.	.	.	15
PARTIAL COURSE	.	.	.	.	18
TOTAL	.	.	.	.	385

SUMMARY BY STATES

NEW YORK	.	.	.	.	.	156
MASSACHUSETTS	.	.	.	.	.	117
OHIO	.	.	.	.	.	18
ILLINOIS	.	.	.	.	.	16
NEW JERSEY	.	.	.	.	.	15
VERMONT	.	.	.	.	.	11
PENNSYLVANIA	.	.	.	.	.	6
CONNECTICUT	.	.	.	.	.	5
WISCONSIN	.	.	.	.	.	5
MAINE	.	.	.	.	.	4
MICHIGAN	.	.	.	.	.	4

MISSOURI	.	.	.	.	.	.	4
NEW HAMPSHIRE	.	.	.	.	.	.	4
INDIANA	.	.	.	.	.	.	3
OREGON	.	.	.	.	.	.	3
WASHINGTON	.	.	.	.	.	.	3
MINNESOTA	.	.	.	.	.	.	2
NEBRASKA	.	.	.	.	.	.	2
CALIFORNIA	.	.	.	.	.	.	1
FLORIDA	.	.	.	.	.	.	1
MARYLAND	.	.	.	.	.	.	1
TENNESSEE	.	.	.	.	.	.	1
UTAH	.	.	.	.	.	.	1
VIRGINIA	.	.	.	.	.	.	1
ENGLAND	.	.	.	.	.	.	1
							<hr/>
TOTAL	.	.	.	.	.	.	385
WHOLE NUMBER OF GRADUATES	.	.	.	.	.	.	3,563

MISSOURI	.	.	.	.	.	.	4
NEW HAMPSHIRE	.	.	.	.	.	.	4
INDIANA	.	.	.	.	.	.	3
OREGON	.	.	.	.	.	.	3
WASHINGTON	.	.	.	.	.	.	3
MINNESOTA	.	.	.	.	.	.	2
NEBRASKA	.	.	.	.	.	.	2
CALIFORNIA	.	.	.	.	.	.	1
FLORIDA	.	.	.	.	.	.	1
MARYLAND	.	.	.	.	.	.	1
TENNESSEE	.	.	.	.	.	.	1
UTAH	.	.	.	.	.	.	1
VIRGINIA	.	.	.	.	.	.	1
ENGLAND	.	.	.	.	.	.	1
							<hr/>
TOTAL	.	.	.	.	.	.	385
WHOLE NUMBER OF GRADUATES	.	.	.	.	.	.	3,563

CATALOGUE

OF

WILLIAMS COLLEGE

1897-98

CATALOGUE

OF

WILLIAMS COLLEGE

1897-98

WILLIAMSTOWN, MASS.
PUBLISHED BY THE COLLEGE
1897

1897

JULY							SEPTEMBER							NOVEMBER						
Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
				1	2	3				1	2	3	4		1	2	3	4	5	6
4	5	6	7	8	9	10	5	6	7	8	9	10	11	7	8	9	10	11	12	13
11	12	13	14	15	16	17	12	13	14	15	16	17	18	14	15	16	17	18	19	20
18	19	20	21	22	23	24	19	20	21	22	23	24	25	21	22	23	24	25	26	27
25	26	27	28	29	30	31	26	27	28	29	30			28	29	30				
AUGUST							OCTOBER							DECEMBER						
1	2	3	4	5	6	7						1	2				1	2	3	4
8	9	10	11	12	13	14	3	4	5	6	7	8	9	5	6	7	8	9	10	11
15	16	17	18	19	20	21	10	11	12	13	14	15	16	12	13	14	15	16	17	18
22	23	24	25	26	27	28	17	18	19	20	21	22	23	19	20	21	22	23	24	25
29	30	31					24	25	26	27	28	29	30	26	27	28	29	30	31	
							31													

1898

JANUARY							MAY							SEPTEMBER						
						1	1	2	3	4	5	6	7				1	2	3	
2	3	4	5	6	7	8	8	9	10	11	12	13	14	4	5	6	7	8	9	10
9	10	11	12	13	14	15	15	16	17	18	19	20	21	11	12	13	14	15	16	17
16	17	18	19	20	21	22	22	23	24	25	26	27	28	18	19	20	21	22	23	24
23	24	25	26	27	28	29	29	30	31					25	26	27	28	29	30	
30	31																			
FEBRUARY							JUNE							OCTOBER						
		1	2	3	4	5				1	2	3	4						1	
6	7	8	9	10	11	12	5	6	7	8	9	10	11	2	3	4	5	6	7	8
13	14	15	16	17	18	19	12	13	14	15	16	17	18	9	10	11	12	13	14	15
20	21	22	23	24	25	26	19	20	21	22	23	24	25	16	17	18	19	20	21	22
27	28						26	27	28	29	30			23	24	25	26	27	28	29
														30	31					
MARCH							JULY							NOVEMBER						
		1	2	3	4	5					1	2				1	2	3	4	5
6	7	8	9	10	11	12	3	4	5	6	7	8	9	6	7	8	9	10	11	12
13	14	15	16	17	18	19	10	11	12	13	14	15	16	13	14	15	16	17	18	19
20	21	22	23	24	25	26	17	18	19	20	21	22	23	20	21	22	23	24	25	26
27	28	29	30	31			24	25	26	27	28	29	30	27	28	29	30			
							31													
APRIL							AUGUST							DECEMBER						
					1	2			1	2	3	4	5	6				1	2	3
3	4	5	6	7	8	9	7	8	9	10	11	12	13		4	5	6	7	8	9
10	11	12	13	14	15	16	14	15	16	17	18	19	20	11	12	13	14	15	16	17
17	18	19	20	21	22	23	21	22	23	24	25	26	27	18	19	20	21	22	23	24
24	25	26	27	28	29	30	28	29	30	31				25	26	27	28	29	30	31

CALENDAR

1897

June 23—COMMENCEMENT Wednesday

Summer Vacation of Thirteen Weeks

Sept. 21-22—Examinations for Admission Tuesday and Wednesday

Sept. 23—Beginning of College Year Thursday

Oct. 9—Mountain Day, a holiday Saturday

Oct. 15—Last day for registering for the Master's Degree Friday

Oct. 21—Meeting of the Board of Trustees Thursday

Nov. 25—Thanksgiving Day, a holiday Thursday

Dec. 16-21—Semi-Annual Examinations . Thursday to Tuesday

Dec. 21—End of First Term Tuesday

Winter Vacation of Three Weeks

1898

Jan. 11—Beginning of Second Term Tuesday

Jan. 27—Day of Prayer for Colleges Thursday

Feb. 22—Washington's Birthday, a holiday Tuesday

April 5—End of Second Term Tuesday

Recess of Nine Days

April 14—Beginning of Third Term Thursday

May 12—Meeting of the Board of Trustees Thursday

May 30—Memorial Day, a holiday Monday

June 6-10—Senior Examinations Monday to Friday

June 13-17—Semi-Annual Examinations Monday to Friday

June 18—Graves Prize Speaking Saturday evening

June 19—Baccalaureate Sermon Sunday forenoon

June 19—Mission Park Meeting Sunday afternoon

June 19—Address before the Mills Y. M. C. A. Sunday evening

June 20—Meeting of the Board of Trustees Monday

June 20-21—Examinations for Admission Monday and Tuesday

June 21—Alumni Meeting Tuesday forenoon

June 21—Class Day Tuesday afternoon

June 21—Prize Rhetorical Exhibition Tuesday evening

June 22—COMMENCEMENT Wednesday

Summer Vacation of Thirteen Weeks

Sept. 20-21—Examinations for Admission Tuesday and Wednesday

Sept. 22—Beginning of College Year Thursday

Oct. 15—Last day for registering for the Master's Degree Saturday

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PRESIDENTS

REV. EBENEZER FITCH, D.D., 1793-1815
REV. ZEPHANIAH SWIFT MOORE, D.D., 1815-1821
REV. EDWARD DORR GRIFFIN, D.D., 1821-1836
REV. MARK HOPKINS, D.D., LL.D., 1836-1872
HON. PAUL ANSEL CHADBOURNE, D.D., LL.D., 1872-1881
FRANKLIN CARTER, PH.D., LL.D., 1881-

TRUSTEES

FRANKLIN CARTER, PH.D., LL.D.,
PRESIDENT

REV. ROBERT RUSSELL BOOTH, D.D., LL.D., New York City
CHARLES AUGUSTUS DAVISON, M.A., New York City
HON. JAMES MADISON BARKER, LL.D., Pittsfield
REV. WILLIAM WISNER ADAMS, D.D., Fall River
HORACE ELISHA SCUDDER, L.H.D., Cambridge
FREDERICK FERRIS THOMPSON, M.A., New York City
REV. CHARLES CUTHBERT HALL, D.D., New York City
REV. HENRY HOPKINS, D.D., Kansas City, Mo.
FRANCIS LYNDE STETSON, M.A., New York City
HON. ALBERT CHARLES HOUGHTON, North Adams
JUSTIN KELLOGG, M.A., Troy, N. Y.
HON. JUSTIN DEWEY, LL.D., Springfield
HON. JAMES RUDOLPH GARFIELD, B.A., Cleveland, O.
HAMILTON WRIGHT MABIE, L.H.D., New York City
REV. DANIEL MERRIMAN, D.D., Worcester
HON. JOSEPH EDWARD SIMMONS, LL.D., New York City

CHARLES SUMNER COLE, M.A.,

TREASURER

REV. CHARLES HENRY BURR, B.A.,

SECRETARY

FINANCE COMMITTEE

FREDERICK F. THOMPSON
CHARLES A. DAVISON
JAMES M. BARKER
FRANCIS L. STETSON
ALBERT C. HOUGHTON

EXECUTIVE COMMITTEE

ROBERT R. BOOTH
WILLIAM W. ADAMS
CHARLES C. HALL
HORACE E. SCUDDER
JUSTIN DEWEY

LIBRARY COUNCIL

THE PRESIDENT OF THE COLLEGE, *ex-officio*
THE LIBRARIAN OF THE COLLEGE, *ex-officio*
PROFESSOR JOHN H. HEWITT
PROFESSOR LEVERETT W. SPRING
PROFESSOR SAMUEL F. CLARKE

FACULTY AND OFFICERS

FRANKLIN CARTER, PH.D., LL.D.

President, and Barclay Jermain Professor of Natural Theology

REV. JOHN BASCOM, D.D., LL.D.

Acting Orrin Sage Professor of Political Economy

REV. ARTHUR LATHAM PERRY, D.D., LL.D.

Emeritus Professor of Political Economy

TRUMAN HENRY SAFFORD, PH.D.

Field Memorial Professor of Astronomy

Professor of Mathematics

JOHN HASKELL HEWITT, LL.D.

Garfield Professor of Ancient Languages

REV. EBEN BURT PARSONS, D.D.

Registrar, and Secretary of the Faculty

Jackson Professor of Christian Theology, and Pastor of the College Church

REV. LEVERETT WILSON SPRING, D.D.

Morris Professor of Rhetoric

ORLANDO MARCELLUS FERNALD, M.A.

Lawrence Professor of the Greek Language and Literature

REV. CHARLES HENRY BURR, B.A.

Librarian, and Instructor in Biblical Literature

RICHARD AUSTIN RICE, M.A.

J. Leland Miller Professor of American History, Literature, and Eloquence

GEORGE MORITZ WAHL, L.H.D.
Professor of the German Language and Literature

JOHN EDWARD RUSSELL, M.A.
Mark Hopkins Professor of Intellectual and Moral Philosophy

LUTHER DANA WOODBRIDGE, M.D.
Professor of Anatomy and Physiology

LEVERETT MEARS, PH.D.
Professor of Chemistry

SAMUEL FESSENDEN CLARKE, PH.D.
Professor of Natural History

FRANK GOODRICH, PH.D.
Professor of the German Language and European History

ASA HENRY MORTON, M.A.
Professor of the Romance Languages

HENRY LEFAVOUR, PH.D.
Thomas T. Read Professor of Physics, and Dean of the Faculty

JAMES INGRAHAM PECK, PH.D.
Assistant Professor of Biology

HENRY DANIEL WILD, M.A.
Massachusetts Professor of the Latin Language and Literature

T. NELSON DALE, M.A. (GEOLOGIST U. S. G. S.)
Instructor in Geology and Botany

REV. STEPHEN TRACY LIVINGSTON, B.A.
Instructor in Elocution and English

*FRANK JEWETT MATHER, PH.D.
Assistant Professor of English and the Romance Languages

MORRIS CRATER SUTPHEN, M.A.
Instructor in Latin

* Absent in Europe this year.

WILLIAMS COLLEGE

ALBERT ELMER HANCOCK, PH.D.

Instructor in English and the Romance Languages

WILLIS ISBISTER MILHAM, M.A.

Instructor in Mathematics and Physics.

EDWARD VERMILYE HUNTINGTON, M.A.

Instructor in Mathematics

JOHN POTTER CONGDON, B.A.

Assistant in Physics and Mathematics

WINTERTON CONWAY CURTIS, B.A.

Assistant in Biology

FRANK MARION WILLIAMS, B.A.

Assistant in Chemistry

CHARLES FREDERIC SEELEY

Director of the Gymnasium

WILLIAMS COLLEGE

The College owes its origin to an educational bequest of Colonel Ephraim Williams for the purpose of establishing "a Free School" in Williamstown. The charter of this school, which was granted March 8, 1785, reads as follows :

AN ACT for directing the use and appropriation of a charitable donation, made in a certain clause in the last will and testament of Ephraim Williams, Esq., for the support and maintenance of a Free School in Williamstown, in the County of Berkshire ; and for incorporating certain persons as trustees, in order more effectually to execute the intention of the testator, expressed in the same.

WHEREAS, Israel Williams, Esq., and John Worthington, Esq., executors of the last will and testament of Ephraim Williams, Esq., deceased, have represented to this court that the said Ephraim Williams, on the twenty-second day of July, Anno Domini one thousand seven hundred and fifty-five, made his last will and testament, in which after divers bequests, devises, and dispositions, is contained the following clause, viz :

Item : " It is my will, desire, and pleasure that the remaining part of the lands, not yet disposed of, shall be sold at the discretion of my executors, within five years after an established peace ; and the interest of the money and also the interest arising from my bonds and notes shall be appropriated towards the support and maintenance of a Free School, in a township west of Fort Massachusetts, commonly called the West Township, forever ; provided, the said township shall fall within the jurisdiction of the province of Massachusetts Bay ; and provided, also, the Governor and General Court give the same township the name of Williamstown ; and it is further my will and desire, that if there should remain any monies of the said above donation for the school, it be given towards the support of a school in the East Township, where the fort now stands ; but in case the above provisos are not complied with, then it is my last will and choice that the interest of the above-mentioned monies be appropriated to some pious and charitable uses, in manner and form as above directed in the former part of my last will and testament."

And, whereas the said executors have further represented, that it may be a matter of doubt and uncertainty whether the township mentioned in the above recited clause (which is now incorporated by the name of Williamstown) has so far fallen within the jurisdiction of the province of Massachusetts, now Commonwealth of Massachusetts, in the sense of the testator, as that they might be justified in appropriating the said donation to the support and maintenance of a Free School in the said town ; and have submitted their duty to the determination of this court, praying that an act may be passed to declare their duty, and to indemnify them in the execution of the same ;

SECTION 1. Be it enacted by the Senate and the House of Representatives, in General Court assembled, and by authority of the same, that the donation made in the clause before recited ought to be presently applied to the use and maintenance of a Free School in the town of Williamstown, in the County of Berkshire, and that in case the said donation shall afford an annual interest more than sufficient for the supporting and maintaining such school in Williamstown, then the surplusage be appropriated to the use and maintenance of a Free School in the tract of land called by the testator East Township, now incorporated by the name of Adams, with other lands applying and appropriating the said donation to the uses above expressed, and shall be liable to no action or suit in law or equity, on account of such appropriations.

And, whereas the said executors have further prayed that for carrying into complete execution the intention of the testator, a corporation may be created and vested with such powers as may be necessary for that purpose ;

SECTION 2. Be it therefore enacted by the authority aforesaid, that William Williams of Dalton, Theodore Sedgwick, Woodbridge Little, John Bacon, Thomson Joseph Skinner, Esquires, the Reverends Seth Swift and Daniel Collins, Mr. Israel Jones and Mr. David Noble, and their successors, to be elected and appointed as hereinafter directed and provided, be, and hereby are, incorporated, and shall be a corporation forever by the name of "The Trustees of the Donation of Ephraim Williams, Esq., for Maintaining a Free School in Williamstown" ; and that the said trustees and their successors be, and hereby are, vested with all the powers, rights, and immunities, which are by law incident to aggregate eleemosynary corporations.

SECTION 3. And be it further enacted, that the said corporation shall always consist of a number not less than seven, nor more than nine persons, excepting only that whenever a vacancy shall happen by death, removal, refusal, or resignation of any member or members, so

that the number be reduced to less than seven, the aforesaid number, then the remaining or surviving trustees shall have full power to perform all corporate acts until such vacancy be supplied ; and the said trustees shall elect and appoint a clerk of the corporation, who shall fairly enter and accord all votes, acts, orders, and proceedings made, done or passed by the trustees ; and shall elect a proper person to be their treasurer, who shall receive into his hands all monies belonging to the corporation, and pay the same pursuant to the order of the trustees, and shall always keep a fair account of all receipts and payments.

SECTION 4. And be it further enacted, that the power of electing and appointing successors in case of the death, removal, refusal, or resignation of any of the trustees be, and hereby is, vested solely in the Supreme Judicial Court of this Commonwealth ; and whenever any of the above mentioned cases shall happen, the trustees shall, as soon as conveniently may be, certify the same to the Justices of the said court, that a successor may be appointed ; and the Justices of the same court are hereby empowered to remove from office and trust any member of the corporation who shall, in their judgment, be unfit to hold the same, by reason of incapacity, misdemeanor, negligence, or breach of trust.

And to the intent that the said donation may not be wasted, mismanaged, or perverted from its original intention ;

SECTION 5. Be it further enacted by the authority aforesaid, that the said corporation, and the donation itself, shall always be under the visitation and direction of the Supreme Judicial Court, who are hereby empowered to visit the said corporation to rectify all abuses, to determine all matters of doubt or dispute touching the duty of the trustees, and the use, application, or appropriation of monies or interests to the same donation belonging ; and to make all such orders and regulations with respect to the use, management, and appropriation of the same donation and every part thereof, as they shall judge necessary or useful in order to promote the best interests of the school, according to the true meaning and intention of the testator and such laws of this Commonwealth as may be in force respecting the same ; and the said court, whenever they shall judge necessary, shall cause the said trustees to come before them, either to render an account of expenditures and dispositions of monies, or to answer for any mismanagement or breach of trust ; and the trustees shall appear and lay their accounts, papers, records, and corporation books before the said court for inspection, whenever they shall be required thereto.

SECTION 6. And be it further enacted that the said trustees and

their successors for ever shall have the possession, management, and disposition of the whole interest and estate, real and personal, which is contained in and given, bequeathed, devised, or disposed of by the above recited clause in the will aforesaid ; and they are hereby empowered and directed, as soon as conveniently may be, to erect and maintain a Free School within the said town of Williamstown, for the instruction of youth, in such manner as most effectually to answer the pious, generous, and charitable intention of the testator, and agreeable to such orders and instructions as they may, from time to time, receive from the Supreme Judicial Court ; and they are hereby empowered to appoint and employ instructors, masters, and officers, as shall be necessary for that purpose.

And to the intent that the said trustees may be enabled, in the most easy and expeditious manner, to receive in their own possession and management, the whole estate, property, and interest, contained in the aforesaid donation ;

SECTION 7. Be it further enacted by the authority aforesaid, that the said executors, shall, at the request of the trustees, make and execute to the said trustees a deed or deeds of conveyance of all such lands or real estate as belong to said donation, and yet remain unsold, in which deed or deeds it shall be expressed that the executors do grant to the trustees the right, estate, and interest of the testator, and of themselves, in and to the described lands or tenements to the trustees and their successors forever ; and the said executors shall deliver over into the hands of the trustees, at their request, all such personal securities or mortgages as the executors now have in their own hands, and which are a part of the same donation ; all of which securities, whether bonds, promissory notes, mortgage deeds, or of what name or description soever, being endorsed with the name of the said executors, or one of them, and delivered as aforesaid, shall become the property of the trustees to all intents and purposes ; and they are hereby empowered, in the name of the corporation, to bring any action or actions against the obligors, promisors, mortgagors, or tenants, for recovering the contents of the same securities or possession of mortgaged estates, which action or actions shall be holden to be good and valid in law for that purpose, as if the securities or mortgage deeds had been originally made to the trustees by their corporate names.

And, whereas the testator has directed, that in case his principal donation should afford an interest more than sufficient for the support and maintenance of the school in Williamstown, the surplusage should be improved to the use of a school in the East Township, now called Adams, in the said County of Berkshire ; and whereas questions and disputes may arise touching the (nature) meaning and extent of this.

part of the will, and when there may be said to be a surplusage beyond what should be necessary, according to the intent of testator, for the support of the school in Williamstown ;

SECTION 8. Be it further enacted, that in case of such surplusage, the said trustees are hereby empowered and directed to use and employ the same for erecting and supporting a Free School in the said town of Adams, in the same manner as has been in this act before provided in respect of the school in Williamstown ; and that all questions and disputes that may arise concerning such surplusage, and the duty of the trustees in respect of the several schools, shall be determined by the Supreme Judicial Court ; and the trustees shall always conform their conduct and administration herein to such orders and determinations as shall, from time to time, be made by the same court.

SECTION 9. And be it further enacted, that the Supreme Judicial Court may, at their discretion, exercise all the powers vested in them by virtue of this act, at any of the sessions holden within the counties of Berkshire or Hampshire ; and in all trials at law, the court, ex-officio, shall take notice of this act to all intents and purposes whatsoever, and the same shall be given in evidence under any general issue.

At their first meeting, April 24, 1785, the trustees passed a resolution to the effect that "it is the sense of the corporation that the Free School in Williamstown be open and free for the use and benefit of the inhabitants of that town and of the free citizens of the American States indiscriminately." They also decided that "it will best coincide with the liberal views of the donor and the intention of the legislature to admit no pupil to the Free School * * * not having been taught to read English well."

As they found it difficult to collect the necessary funds for erecting a building the trustees sent a petition, August 19, 1788, to the legislature "for the grant of a lottery to raise the sum of twelve hundred pounds." Accordingly an act was passed February 11, 1789, making such a grant.

The initial step toward a transformation of the Free School into a college was taken at a meeting of the trustees, May 23, 1792. In a petition to the legislature they "humbly showed" what had been done already, and set

forth the "several circumstances attending the situation of the Free School * * * peculiarly favorable to a seminary of a more public and important nature." The petition was granted, and an act to establish the College and to transfer to it the property of the Free School was passed June 22, 1793 :

An act to establish a college in the County of Berkshire, within this Commonwealth, by the name of Williams College.

Be it enacted by the Senate and House of Representatives, in the General Court assembled, and by the authority of the same, that there be erected and established in the town of Williamstown, in the County of Berkshire, a college, for the purpose of educating youth, to be called and known by the name of Williams College, to be under the government and regulation of a body politic and corporate, as hereafter in this act is provided.

And be it further enacted by the authority aforesaid, that John Bacon, Esq., Rev. Daniel Collins, Israel Jones, Woodbridge Little, David Noble, Theodore Sedgwick, Thompson J. Skinner, Esquires, Rev. Seth Swift, Henry Vanscaak, Esq., Rev. Stephen West, D.D., William Williams and Elijah Williams, Esquires, together with the president of the said college for the time being, to be chosen as in this act is hereafter directed, be and hereby are created a body politic and corporate, by the name of "The President and Trustees of Williams College," and that they and their successors, and such others as shall be duly elected members of the said corporation, shall be and remain a body politic and corporate, by that name forever.

And be it further enacted by the authority aforesaid, that for the more orderly conducting the business of the said corporation, The President and Trustees shall have full power and authority, from time to time, as they shall determine, to elect a vice-president and secretary of the said corporation, and to declare the tenures and duties of their respective offices, and also to remove any trustee from the said corporation, when, in their judgment, he shall be rendered incapable, by age or otherwise, of discharging the duties of his office, or shall neglect or refuse to perform the same, and to fill up all vacancies in the said corporation, by electing such persons for trustees as they shall judge best. Provided, nevertheless, that the number of the said trustees, including the president of the said college, for the time being, shall never be greater than seventeen nor less than eleven.

And be it further enacted, that the said corporation may have one common seal, which they may change, break or renew at their pleas-

ure ; and that all deeds signed and delivered by the treasurer, and sealed with their seal, by order of The President and Trustees, shall, when made in their corporate name, be considered in law as the deed of the said corporation ; and that the said corporation may sue and be sued in all actions, real, personal or mixed, and may prosecute and defend the same to final judgment and execution, by the name of The President and Trustees of Williams College ; and that the said corporation shall be capable of having, holding and taking in fee simple or any less estate, by gift, grant, devise or otherwise, any lands, tenements or other estate, real or personal. Provided, nevertheless, that the annual clear income of the same shall not exceed the sum of six thousand pounds.

And be it further enacted by the authority aforesaid, that the said corporation shall have full power and authority to determine at what times and places their meetings shall be holden, and in the manner of notifying the trustees to convene at such meetings ; and also, from time to time, elect a president and treasurer of said college, and such professors, tutors, instructors and other officers of the said college as they shall judge most for the interest thereof, and to determine the duties, salaries, emoluments and tenures of their several officers aforesaid ; the said president, for the time being, when elected and inducted into his office, to be, ex-officio, president of said corporation. And the said corporation are further empowered to purchase or erect, and to keep in repair, such houses and other buildings as they shall judge necessary for the said college ; and also to make and ordain, as occasion may require, reasonable rules, orders and by-laws, not repugnant to the laws of this Commonwealth, with reasonable penalties, for the good government of the said college ; and also to determine and prescribe the mode of ascertaining the qualifications of the students, requisite to their admission ; and also to confer such degrees as are usually conferred by universities established for the education of youth. Provided, nevertheless, that no corporate business shall be transacted at any meeting, unless seven at least of the trustees are present ; and provided further, that the said corporation shall confer no degree other than those of Bachelor of Arts and Master of Arts, until after the first day of January, which shall be in the year of our Lord one thousand eight hundred.

And be it further enacted by the authority aforesaid, that the clear rents, issues and profits of all the estate, real and personal, of which the said corporation shall be seized or possessed, shall be appropriated to the endowment of the said college, in such manner as shall most effectually promote virtue and piety, and the knowledge of such of the languages, and of the liberal arts and sciences as shall hereafter be directed from time to time, by the said corporation.

And be it further enacted by the authority aforesaid, that the Hon. Thompson J. Skinner, Esq., be, and he is hereby authorized and empowered to fix the time and place for holding the first meeting of the said corporation, of which he shall give notice by an advertisement in the Stockbridge newspapers, at least fourteen days previous thereto.

And be it further enacted by the authority aforesaid, that the treasurer of the said college shall, before he enter upon the execution of the duties of his office, give bonds to the said corporation, with such sums, and with such sureties as they shall approve of, conditioned for the faithful discharge of the said office, and for rendering a just and true account of his doings therein, when required. And that all the money, securities and other property of The President and Trustees of Williams College, together with all the books in which his accounts and proceedings as treasurer were entered and kept, that shall be in his hands at the expiration of his office, shall, upon demand made upon him, his executors or administrators, be paid and delivered over to his successor in that office. And all monies recovered by virtue of any suit at law, upon said bond, shall be paid over to the president and trustees aforesaid, and subjected to the appropriation above directed in this act.

And be it further enacted by the authority aforesaid, that the Legislature of this Commonwealth may grant any further powers to, or alter, limit, annul or restrain any of the powers by this act vested in the said corporation, as shall be judged necessary to promote the best interests of the said college; and, more especially, may appoint and establish overseers or visitors of the said college, with all necessary powers and authorities for the better aid, preservation and government thereof.

And be it further enacted by the authority aforesaid, that all the property, real and personal, belonging to the trustees of Williamstown Free School, be, and the same hereby is vested in the corporation, which by this act is created.

And be it further enacted by the authority aforesaid, that there be, and hereby is granted to the trustees of Williams College, for the use, benefit and purpose of supporting said college, twelve hundred pounds, to be paid out of the treasury of this Commonwealth; three hundred pounds of the same to be paid the first day of September, one thousand seven hundred ninety-three, and three hundred pounds annually, on the first day of September, for the three succeeding years.

February 26, 1796, an additional act was passed, as follows:

WHEREAS, Doubts have arisen, whether the rights and credits which, previous to passing the act aforesaid, were vested in and belonging to

the trustees of the donation of EPHRAIM WILLIAMS, Esquire, for maintaining a Free School in WILLIAMSTOWN, are by virtue of the same act transferred to and vested in the Corporation of The PRESIDENT AND TRUSTEES OF WILLIAMS COLLEGE :

Be it therefore enacted by the Senate and House of Representatives, in General Court assembled, and by the authority of the same, that the said rights and credits be and hereby are transferred to and vested in the said Corporation of THE PRESIDENT AND TRUSTEES OF WILLIAMS COLLEGE, who are hereby authorized to commence and prosecute to final judgment and execution, any suit or action in law or equity, which the said trustees of the donation of EPHRAIM WILLIAMS, Esquire, for maintaining a free school in WILLIAMSTOWN, might heretofore have commenced or prosecuted.

On petition of the trustees the legislature passed an act February 4, 1796, granting the college two townships of land "of the contents of six miles square each, to be laid out and assigned from any of the unappropriated lands belonging to this Commonwealth in the district of Maine." The act provided that the trustees "shall cause to be settled fifteen families in each of said townships within twelve years from the passing this resolve; and also that there be reserved in each township three lots of three hundred and twenty acres each for the following uses, viz., one lot for the first settled minister, one lot for the use of the ministry, and one lot for the use of schools in each of said townships." These lands were sold for about \$10,000, and the proceeds devoted to building East College.

Nine years later the college again appealed to the legislature for assistance. A committee of that body, which investigated the condition and prospects of the institution, made the following report, February 19, 1805 :

The Committee of both Houses, to whom was referred the petition of The President and Trustees of Williams College, praying the aid of government to enable them to build a chapel for the performance of divine service, and for keeping the college library and apparatus, having examined the origin, rise, and progress of the seminary, from its institution to the present time, together with the aid heretofore afforded by the government, and the existing state of its funds, beg leave to observe, That the funds granted by the original donor and

the government have, in the opinion of the Committee, been judiciously applied to the object of the institution, and with success exceeding the most sanguine expectations, and that the present state of the college affords a reasonable and pleasing expectation of its future extensive benefits to society, and that a chapel for the purposes above mentioned would essentially promote the same; and as the encouragement and grants of the government to that college have not been equal to those made to other seminaries in the Commonwealth, the Committee ask leave to report the following Resolve:

Resolved, For reasons set forth in the petition, that there be and hereby is granted one township of land of the contents of six miles square to be laid out and assigned from any of the unappropriated lands belonging to the Commonwealth, in the District of Maine, except the ten townships lately purchased of the Penobscot Indians.
* * *

In 1809 the legislature granted another township of land in Maine "for the further aid in support of Williams College and for the erecting of other buildings for the convenience of the institution and for sustaining a professor of the Oriental languages." The sum of \$9,500 was realized from the last two townships.

The legislature passed an act February 24, 1814, "for the Encouragement of Literature, Piety and Morality and the Useful Arts and Sciences," and appropriated the taxes due to the Commonwealth from the Massachusetts Bank, "for the ten years next to come," to Harvard, Williams, and Bowdoin. Of this fund Williams received "three sixteenth parts," which amounted to \$30,000. In 1859 the state gave the college \$25,000, and in 1868, \$75,000. The total of these legislative gifts is \$153,500.

In 1883 the following act was passed:—

An act to authorize The President and Trustees of Williams College to hold additional real and personal estate.

[Be it enacted, etc., as follows:]

SECTION 1. The proviso in section 4 of the act establishing Williams College, passed on the twenty-second day of June in the year seventeen hundred and ninety-three, is hereby amended so as to read: "Provided, nevertheless, that the clear annual income of the same shall not exceed two hundred thousand dollars."

SECTION 2. This act shall take effect upon its passage.

The principal college buildings, with the dates of their erection and their approximate cost, are as follows: West College, 1790, \$11,700; East College, 1798, \$12,400—burned in 1841, rebuilt, 1842, \$7,000; South College, 1842, \$5,090; Griffin Hall Chapel, 1828, \$10,000; Hopkins Observatory, 1837, \$3,000; Lawrence Hall Library, 1846, \$7,000; Kellogg Hall, 1847, \$5,000; Jackson Hall, 1856, \$4,000; Alumni Hall Chapel, 1859, \$20,000; Goodrich Hall, 1864, \$25,000; College Hall, 1872, \$5,000; Clark Hall, 1882, \$25,000; Field Memorial Observatory, 1882, \$8,000; Morgan Hall, 1882, \$82,400; Lasell Gymnasium, 1886, \$50,000; Library Extension, 1890, \$10,000; Hopkins Memorial Hall, 1890, \$87,800; Thompson Chemical Laboratory, 1892, \$60,000; Thompson Physical Laboratory, 1893, \$60,000; Thompson Biological Laboratory, 1893, \$60,000; College Infirmary, 1895, \$10,000. Total, \$568,300.

The corporate name of the college is THE PRESIDENT AND TRUSTEES OF WILLIAMS COLLEGE.

TERMS OF ADMISSION

Each candidate for admission must present a testimonial of good character from the teacher under whom he was prepared for college.

Candidates for admission to the Freshman class must present satisfactory qualifications in one of the following groups of subjects, the work covered by each subject being given in detail below. Groups I., II., III., IV., and V. admit to the course leading to the degree of Bachelor of Arts; Group VI. admits students to a partial course not leading to a degree, but permitting them to take such college courses as they are prepared to pursue, subject to the conditions specified on page 28.

GROUP I.

History I.
Mathematics I.
English
Latin
Greek

GROUP II.

History I. or II.
Mathematics I.
English
Latin
French I.
French II.

GROUP III.

History I. or II.
Mathematics I.
English
Latin
German I.
German II.

GROUP IV.

History I. or II.
Mathematics I.
Mathematics II.
English
Latin
French II.

GROUP V.

History I. or II.
Mathematics I.
Mathematics II.
English
Latin
German I.

GROUP VI.

(Partial Course)

* History I., II., or III.
Mathematics I.
English
{ Latin
 or
 French I.
 or
 German I.

* If Latin is offered, History I. or II. is required, otherwise the candidate may present either History I., II., or III.

The names of students who enter as candidates for a degree but have somewhat serious deficiencies or irregularities in their entrance records, are classified in the Special Course until the deficiencies or irregularities have been removed.

DETAILS OF SUBJECTS

HISTORY I.—Greek to the death of Alexander, and Roman to the reign of Augustus. Smith's Smaller History of Greece, Oman's or Myers's History of Greece, and Leighton's History of Rome are recommended. The related geography is also included.

HISTORY II.—Roman to the reign of Augustus, and either Montgomery's English History or Montgomery's Student's American History, or equivalents. Leighton's History of Rome is recommended. The related geography is also included.

HISTORY III.—Montgomery's English History and Montgomery's Student's American History, or equivalents. The related geography is also included.

ENGLISH.—Two sets of books are prescribed for preparation in English, one for reading, the other for more careful study. No candidate will be accepted in English whose work is notably deficient in point of spelling, punctuation, idiom, or division into paragraphs. The examination will consist of two parts :

- (a) *Reading and Practice*.—The candidate will be required to present evidence of a general knowledge of the subject-matter of the books assigned, and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of a part or the whole of this test, the candidate may be allowed to present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the books.

The books set for this part of the examination will be :

1898.—Milton's *Paradise Lost*, Books I. and II. ; Pope's *Iliad*, Books I. and XXII. ; The *Sir Roger de Coverley Papers* in *The Spectator* ; Goldsmith's *The Vicar of Wakefield* ; Coleridge's *The Ancient Mariner* ; Southey's *Life of Nelson* ; Carlyle's *Essay on Burns* ; Lowell's *The Vision of Sir Launfal* ; Hawthorne's *The House of the Seven Gables*.

1899.—Dryden's *Palamon and Arcite* ; Pope's *Iliad*, Books I., VI., XXII., and XXIV. ; The *Sir Roger de Coverley Papers* in *The Spectator* ; Goldsmith's *The Vicar of Wakefield* ; Coleridge's *The Ancient Mariner* ; De Quincey's *The Flight of a Tartar Tribe* ; Cooper's *The Last of the Mohicans* ; Lowell's *The Vision of Sir Launfal* ; Hawthorne's *The House of the Seven Gables*.

1900.—Dryden's *Palamon and Arcite* ; Pope's *Iliad*, Books I., VI., XXII., and XXIV. ; The *Sir Roger de Coverley Papers* in *The Spectator* ; Goldsmith's *The Vicar of Wakefield* ; Scott's *Ivanhoe* ; De Quincey's *The Flight of a Tartar Tribe* ; Cooper's *The Last of the Mohicans* ; Tennyson's *The Princess* ; Lowell's *The Vision of Sir Launfal*.

(b) *Study and Practice*.—This part of the examination presupposes a more careful study of each of the works named below. The examination will be upon subject-matter, form, and structure, and will also test the candidate's ability to express his knowledge with clearness and accuracy. The books set for this part of the examination will be :

1898.—Shakspeare's *Macbeth* ; Burke's *Speech on Conciliation with America* ; De Quincey's *Flight of a Tartar Tribe* ; Tennyson's *The Princess*.

1899.—Shakspeare's *Macbeth* ; Milton's *Paradise Lost*, Books I. and II. ; Burke's *Speech on Conciliation with America* ; Carlyle's *Essay on Burns*.

1900.—Shakspeare's *Macbeth* ; Milton's *Paradise Lost*, Books I. and II. ; Burke's *Speech on Conciliation with America* ; Macaulay's *Essays on Milton and Addison*.

MATHEMATICS I.—Algebra, through quadratic equations, including radical quantities and simultaneous quadratics. Plane geometry.

MATHEMATICS II.—(a) Algebra: imaginaries, inequalities, ratio and proportion, arithmetical, geometrical, and harmonical

progressions, binomial theorem (with positive, negative, and fractional exponents), undetermined coefficients, partial fractions, reversion of series, logarithms, compound interest, annuities, continued fractions, permutations, and combinations, as much as is treated in Wells's or Wentworth's *College Algebra*. (b) *Solid Geometry*, as much as is contained in the ordinary text-books, such as Phillips and Fisher, Wentworth, Wells, or Newcomb (Books VII.-XI.). The examination will also include problems and propositions for original demonstration dependent on easy deductions from the standard propositions given in the text-books. (c) *Plane trigonometry* including goniometry and the practical use of logarithmic tables in the solution of triangles, as much as is contained in the first eight chapters of Chauvenet's *Treatise* (omitting the fine print), the first four chapters of Wentworth, or the first seven chapters of Wells.

LATIN.—Grammar, Allen and Greenough, Gildersleeve (Lodge), Bennett or Harkness; translation of connected English passages into Latin prose; Cæsar, four books; Cicero, six orations, to be specified in the certificate; Vergil, six books of the *Æneid*, including prosody, and, in addition, either the *Bucolics* or the seventh and eighth books of the *Æneid*; translation at sight of passages from Nepos and the *Metamorphoses* of Ovid. Equivalents from other authors will be accepted in part. Candidates are expected to pronounce Latin according to the Roman method as set forth in Allen and Greenough, § 16, Gildersleeve, §§ 3-7, Bennett, §§ 3-6, or Harkness, §§ 5-7. Harper's *Latin Dictionary* is recommended.

GREEK.—Hadley and Allen's or Goodwin's *Grammar*; translation into Greek of English passages based on Xenophon; Xenophon, four books of the *Anabasis*; Homer, three books of the *Iliad*; translation at sight of passages of less difficult Greek prose. Candidates are expected to pronounce Greek according to the written accents, and in conformity with §§ 11, 14, 19, 20, and 21 of Hadley and Allen, or according to Goodwin's preface and § 28 of his revised edition. The seventh unabridged edition or the intermediate (but not the abridged) edition of Liddell and Scott's *Greek Lexicon* is also recommended.

In order to help pupils to form a correct style, teachers are requested to insist upon the use of simple and idiomatic English in translating.

FRENCH I.—The Elementary Examination will be adapted to the proficiency of those who have studied French in a systematic course of five hours a week for *one* year. It will consist of two parts (which, however, cannot be taken separately). (*a*) The translation at sight of ordinary prose. The passages set for translation will be suited to candidates who have read not less than four hundred duodecimo pages from the works of at least three different authors; this amount includes sight reading done in the class. Not more than half the reading should be from works of fiction. It is important that all translation be done into clear and idiomatic English. (*b*) The translation into French of English sentences and of a short connected passage, to test the candidate's familiarity with elementary grammar. Elementary grammar is understood to include the conjugation of regular and the more usual irregular verbs, such as *aller, tenir, pouvoir, savoir, voir, vouloir, dire, faire*, and those belonging to the classes represented by *dormir, ouvrir, connaître, conduire, craindre*; the forms and positions of the personal pronouns; the uses of other pronouns and of possessive, demonstrative, and interrogative adjectives; the inflection of nouns and adjectives for gender and number, except rare cases; the commoner uses of the article; and the partitive constructions. Proficiency may also be tested by direct questioning. Pronunciation should be carefully taught, and the pupil should be accustomed to hear and understand the spoken language. The writing of French from dictation is also recommended.

FRENCH II.—The Advanced Examination will consist of two parts (of which one may be taken separately): (*a*) The translation at sight of standard French. The passages set for translation will be suited to candidates who have read, in addition to the amount specified under French I. (*a*) not less than twelve hundred duodecimo pages of classical and contemporary prose and verse from the writings of at least five standard authors. (*b*) The translation into French of English sentences and of a passage of English prose. In preparation for this ex-

amination candidates will be expected to have acquired a thorough knowledge of *accidence* and a familiarity with the essentials of French syntax, especially the uses of modes and tenses, and also with the commoner idiomatic phrases. Proficiency may also be tested by direct questioning. Careful attention should be paid to pronunciation and to the use of spoken French, that the candidate may at least acquire the ability to follow a recitation conducted in the language and to answer questions asked by the instructor.

Beginning with the year 1898, candidates who offer French II. will be expected to have studied the language for at least three years before presenting themselves for examination.

GERMAN I.—(a) Ability to translate ordinary prose at sight ; in preparation for this the student should have read two hundred and fifty pages of narrative prose. (b) Proficiency in elementary grammar, including the rules for the arrangement of German sentences. Translation of simple connected prose from English into German. Attention should be paid to a distinct pronunciation of the language.

GERMAN II.—(a) For the examination in 1898 : One hundred and fifty pages of prose fiction ; and also Freytag's *Doktor Luther*, Lessing's *Minna von Barnhelm*, Schiller's *Wilhelm Tell* and Goethe's *Hermann und Dorothea*. A knowledge of the lives of Lessing, Goethe and Schiller is required. Kluge's *Geschichte der deutschen National-Litteratur* (§§ 48-57) is suggested as indicating the amount. While reading at sight will be an essential part of the examination, the candidate will be tested on the works given above with regard to both language and subject-matter. Equivalents will be accepted. (b) There will also be an exercise in prose composition, for which purpose the candidate should have translated about seventy-five pages of narrative prose from English into German.

Beginning with the year 1898, candidates who offer German II. will be expected to have studied the language for at least three years before presenting themselves for examination.

ANTICIPATION OF COLLEGE COURSES.—Candidates may, at their option, anticipate any prescribed course of the college and

substitute in its place advanced work. Special examinations will be held for this purpose in connection with the examinations for admission, and the student must obtain an average of seventy-five per cent. in these special examinations. Any one, anticipating French I. or German I., may continue with the language in which he passed the examination, and may postpone the beginning of the other language another year.

ADMISSION TO ADVANCED STANDING

Candidates for admission to an advanced standing will be examined in the studies that have been pursued by the classes which they wish to enter, or in other equivalent studies.

Students who come from other colleges and who bring certificates of dismissal, may, upon proof of their qualifications, be admitted to a corresponding standing in this college.

REGULATIONS CONCERNING PARTIAL-COURSE STUDENTS

A candidate for this course must have studied some foreign language, ancient or modern, with such proficiency as to enable him to continue it with some college course other than an elementary one, and he will be required to include this advanced course among his first-year studies. No student who offers French or German will be permitted to take elementary French or German after admission.

The requirements in Latin (if that is offered in place of French or German) and in English, History and Mathematics are the same as for the full course. See group VI., page 22.

Partial-course students must choose courses which will give them at least twelve hours of class-room work a week (or eleven hours if Freshman courses only are chosen).

Partial-course students who come directly from a preparatory school must take at least seven hours a week with the Freshman class, unless they can anticipate by examination a full year's work in one or more of the

Freshman studies, in which case they may take a corresponding number of hours with an advanced class; but, on entering, partial-course students are allowed to take no more than three hours a week of Junior studies and none of the Senior studies unless they can anticipate by examination all the work preparatory to these studies. They must continue each study chosen through the college year, or till the termination of that study.

Partial-course students may be dismissed at any time if the faculty are convinced that they are not qualified to do their current work or are not making a good use of their opportunities.

PRELIMINARY EXAMINATIONS

Preliminary examinations in a part of the requirements for admission will be given one year in advance to candidates desiring them, provided they bring from the principals of their schools certificates specifying the subjects in which their teachers consider them prepared. The examination will cover the whole of each subject offered by the candidate. For example, Cicero, Xenophon, or Algebra cannot be divided between the preliminary and the final examinations.

In order to prevent an interruption to studies which are to be continued in the college course, candidates are requested to reserve the following subjects for the final examinations: Cicero or Vergil, Latin Prose Composition, Homer, Greek Prose Composition, Geometry, and English. The subjects thus reserved can be passed in the preliminary examinations only by reaching a mark of seventy-five per cent. instead of the sixty per cent. required for other subjects.

No credit will be given for the preliminary examination, unless the applicant pass in a substantial part of the subjects offered. The preliminary certificate will be valid for one year only, unless the examination has been passed in a specially creditable manner.

ARRANGEMENT OF EXAMINATIONS

The examinations for admission, in 1898, will be held in room No. 4, Hopkins Hall, on the Monday and Tuesday preceding Commencement, and the Tuesday and Wednesday preceding the opening of the college year in September, as follows :

FIRST DAY.

9 A.M.—Registration. English.

11 A.M.—Greek and Roman History.

English and American History.

2 P.M.—French, German, Greek.

SECOND DAY.

9 A.M.—Latin.

2 P.M.—Mathematics.

Entrance examinations will be held on the same dates and in the same order as in Williamstown, at the Collegiate School, 241 and 243 West 77th Street, New York City ; at the Central High School, corner of Franklin and Court streets, Buffalo, N. Y.; and at the South Side Academy, 5418 Greenwood Avenue, Chicago, provided there is a request for such examinations. Each candidate who wishes to take the examinations at any of these places, must notify the secretary of the faculty, at Williamstown, to that effect by the 20th of May, and must at the same time remit the sum of five dollars, the fee for examinations in these places.

Examination papers will also be sent, without payment of fee, to any responsible school which has candidates for admission and which will undertake to conduct the examinations on the same dates and in the same order as indicated above, and will do this without expense to the college. The student's written work in such cases is to be forwarded at once by the teacher in charge to the secretary of the faculty.

ADMISSION BY CERTIFICATE

Under certain conditions specified below, certificates of the preparatory schools are accepted in place of examinations in History, English, Mathematics I., Latin, and Greek. Certificates will in no case be accepted for Mathematics II., German I., German II., French I., French II., or for the anticipation of any course of study pursued in college. The privilege of sending students by certificate may be granted to a school which requests it, provided the faculty of the college have such an acquaintance with the work of the school as will warrant granting the request. In general, a school which has recently sent properly trained students by examination, is considered entitled, on application, to receive the certificate privilege and to retain it as long as there is no radical change in the management of the school.

This privilege is not granted to private tutors, and it is revocable in all cases when not properly exercised.

Certificates must be made out on blanks furnished by the secretary of the faculty, and in accordance with the instructions contained therein. These certificates must contain an explicit statement of the work done by the candidates and the time devoted to it. If the work covered by the certificate is considerably less than the amount required for admission, or if the time devoted to a given subject is inadequate (for instance less than three years of thirty-six weeks each upon Latin and Greek), the certificate will not be accepted for the subject in which the deficiency occurs, though it will remain valid for other subjects. In such cases an examination upon the subjects involved will be required. For slight deficiencies conditions may be imposed.

In 1898 and thereafter certificates will not be accepted in Greek for candidates who have studied the subject less than three full school years. In 1899 and thereafter certificates will not be accepted in Latin for candidates who have studied the subject less than four full school years.

A student who has failed to pass the entrance examination at this or any other college will not be received by certificate, unless he has subsequently spent at least a year of study in the school which issues the certificate.

Freshmen and partial-course students who have entered by certificate and have subsequently been dismissed for failure in their studies, cannot re-enter in the next class except by passing the entrance examinations. Certificates will not be accepted.

Certificates must be signed by the principal of the school, and sent to the secretary of the faculty, so far as is practicable, before commencement, but not in advance of the actual completion of the work for which they vouch.

COURSES OF INSTRUCTION

DEPARTMENT OF LANGUAGE AND LITERATURE

GREEK

Professors FERNALD and HEWITT.

1. *Herodotus*.—Portions of his history as found in Fernald's Selections. So far as practicable, different portions are read in consecutive years. While the principal object of this course is to acquire familiarity with the style and matter of Herodotus, the work is interspersed with oral and written exercises in review of the grammatical forms and with reading at sight.

Illustrated lectures upon the orders of Greek architecture.

Freshman required course. Four hours a week during the first term.

Professor FERNALD.

2. *Homer*.—Books I., VI., and VII. of the *Odyssey* will be read and some of the principal Homeric questions will be discussed in lectures. The students are encouraged to read beyond the limits prescribed for the class. For such work, if carefully done without neglect of the regular duties, special credit will be given.

Freshman required course. Three hours a week during the second term.

Professor FERNALD.

3. *Lysias*.—Morgan's edition will be used. Special attention will be given to the political and social allusions which abound in the orations of Lysias. Different orations from those read the previous year will be selected.

One hour a week will be devoted to composition and grammatical review.

There will also be lectures, illustrated with photographs, lantern views, and other material, upon the remains of Greek architecture and upon certain other Greek antiquities.

Freshman required course. Four hours a week during the third term.

Professor FERNALD.

4a. *Plato and Euripides*.—The *Protagoras* of Plato and Euripides's *Iphigenia among the Taurians*. Courses of lectures will be given on Greek philosophy from Thales to Plato and on the Greek theatre.

Sophomore elective course. Three hours a week during the first term.

Professor HEWITT.

4b. *Æschylus, Sophocles, and Aristophanes*.—In the second term the Agamemnon and Ajax will be read chiefly from the literary point of view, and special attention will be given to points of similarity and dissimilarity between the ancient and modern drama. A portion of the time will be given to lectures on the Greek drama. In the third term two exercises a week will be devoted to the reading of Aristophanes. In place of the third exercise, each member of the class will be required to do original work in Greek syntax or editorial work upon a portion of one of the Greek plays.

Sophomore elective course. Three hours a week during the second and third terms.
Professor HEWITT.

5a. *Xenophon and Pausanias*.—The Memorabilia of Xenophon will be read, and selections from Pausanias which will serve as a basis for archæological and topographical study—particularly of Athens and Olympia.

Senior and Junior elective course. Three hours a week during the first term.
Professor HEWITT.

5b. *Aristotle and Dion Chrysostom*.—Selections will be read from Aristotle's Constitution of Athens, such selections especially being chosen as throw new light upon Athenian history or antiquities. As a specimen of later Greek, the Hunters of Euboea of Dion will be read (Prentice's edition, Boston, 1897).

Senior and Junior elective course. Three hours a week during the second term.
Professor FERNALD.

5c. *Greek Lyric Poetry*.—Lectures will be given in connection with the reading of selections from the edition of Buchholz.

Senior and Junior elective course. Three hours a week during the third term.
Professor HEWITT.

LATIN

Professors HEWITT and WILD, and Mr. SUTPHEN.

1a. *Livy*.—Book XXI., with sight reading in Book XXII. and Aulus Gellius. Special attention will be given to the history of Rome during the Punic wars.

Freshman required course. Three hours a week during the first term.
Professor WILD.

1b. *Latin Prose Composition*.—

Freshman required course. One hour a week during the first term.
Mr. SUTPHEN.

2. *Horace*.—Odes. Lectures on the archæology and topography of Rome.

Freshman required course. Three hours a week during the second term. Mr. SUTPHEN.

3. *Tacitus*.—Agricola and Germania, with rapid and sight reading of portions of the Annals.

Freshman required course. Four hours a week during the third term. Professor WILD.

4a. *Plautus*.—The *Mostellaria* and *Miles Gloriosus* of Plautus, with sight reading of other plays.

Sophomore elective course. Three hours a week during the first term. Mr. SUTPHEN.

4b. *Pliny and Juvenal*.—The history of Roman literature will be studied in connection with Pliny's Letters, and Roman customs in connection with Juvenal. There will also be constant practice in reading at sight from different authors of the silver age.

Sophomore elective course. Three hours a week during the second and third terms. Professor WILD.

5a. *Roman Oratory and Satire*.—The Brutus of Cicero will be read during the first term and made the basis of a study of the history of Roman oratory. One exercise a week will be devoted to the reading at sight of Tacitus' *Dialogus de Oratoribus* and fragments of orations. There will also be assigned to each student either original work in investigating the lives of the leading orators from the sources, or a certain amount of private reading in different Latin authors.

In the second term selections from Ennius, Lucilius, Varro, Petronius, Seneca and Apuleius will be read in Merrill's "Fragments of Roman Satire," and one exercise a week will be given to the interpretation of portions of the satires of Persius.

Senior and Junior elective course. Three exercises a week during the first and second terms. Professor WILD.

5b. *Catullus, Tibullus and Propertius*.—Selections will be read with special reference to literary qualities.

Senior and Junior elective course. Three exercises a week during the third term. Professor HEWITT.

ENGLISH

Professor SPRING, Dr. HANCOCK and Mr. LIVINGSTON.

1. *Rhetoric*.—This course is planned with the purpose of giving the student as much practice as possible in the art of composition.

Selections from the best authors, illustrating the various elements which constitute clear, refined and forcible English, are used for models, and the time is largely devoted to the writing of extempore themes in description and narration, essay outlines, and expository paragraphs. In addition one long theme will be required.

Freshman required course. One hour a week during the second and third terms. Mr. LIVINGSTON.

2. *English Composition*.—The attention in this course at first will be centred mainly upon the paragraph, considered as a unit of composition. One oration and, in the latter half of the year, some long themes will be required.

Sophomore required course. One hour a week during the year.

Dr. HANCOCK.

3. *English Composition*.—Juniors are required to submit two essays and one oration for personal criticism. Conferences at hours to be announced.

Professor SPRING and Mr. LIVINGSTON.

4. *English Composition*.—Seniors are required to submit two essays for personal criticism. Conferences at hours to be announced.

Professor SPRING.

*5. *Historical English*.—A study in outline of the development of the English language and literature in the Anglo-Saxon and Middle English period.

Junior elective course. Three hours a week during the year.

6. *English Poetry*.—First half year. Chaucer; readings from the *Canterbury Tales* with such grammatical work as the understanding of the text demands.

Second half year. The Nineteenth Century Poets. The time will be given principally to a study of Coleridge, Wordsworth, Byron, Shelley, Keats, Arnold, Tennyson and Browning.

Junior elective course. Three hours a week during the year.

Dr. HANCOCK.

7. *Literature of the Elizabethan Period*.—From Tottel's Miscellany to the closing of the theatres.

Senior elective course. Three hours a week during the year.

Professor SPRING.

8. *Literature of the Seventeenth and Eighteenth Centuries*.—From the closing of the theatres to the death of Cowper.

Senior required course. Two hours a week during the second term and three hours during the third.

Professor SPRING.

* Omitted the present year.

9. *Elocution*.—The work of the Freshman year consists of individual drill in declamation, both in private and before small divisions of the class. Six rehearsals are required from each student. The choice of speakers for the prize contest in declamation is based upon the work during the year.

The required work in the Sophomore year consists of training in the delivery of orations during the first and second terms. Upon this work is based the selection of speakers for the prize contest in oratory.

In the Junior year the delivery of orations is optional, being confined principally to those who wish to compete for prizes.

In the Senior year those who are appointed to speak at Commencement are trained for that occasion. Otherwise the delivery of orations is optional.

Opportunity for systematic work in voice-development and gesture is afforded to members of all classes through concerted exercises given four times a week during the second term. Inconnection with these exercises, individual instruction is given to students desiring special work, either in voice-building or in expression, as a preparation for public speaking.

Mr. LIVINGSTON.

FRENCH

Professor MORTON and Dr. HANCOCK.

1. *Elementary French*.—Grandgent's Short French Grammar. Composition. Reading of modern French.

Freshman required course. Three hours a week during the year.

Professor MORTON.

2. *Second Year French*.—Study of Syntax. Composition. *Histoire de la Littérature Française* from beginning to the eighteenth century. In connection with this, selections from the early literature are read to the class. The chief part of this course is devoted to the reading of seventeenth century literature. The use of the French language in the class-room is gradually increased.

Elective course. Open to all who have taken French 1. Three hours a week during the year.

Professor MORTON and Dr. HANCOCK.

3. *Third Year French*.—*Histoire de la Littérature Française*, eighteenth and nineteenth centuries. A few works of the eighteenth century are read, but the chief part of the course is devoted to the reading of nineteenth century literature. There is constant practice in writing French, and as far as possible it is made the language of the class-room. Outside reading is assigned.

Elective course. Open to all who have taken French 2. Three hours a week during the year.

Professor MORTON.

GERMAN

Professors WAHL and GOODRICH.

1. *Elementary German*.—Grammar. Composition. Reading of modern prose and lyrics.

Sophomore required course. Three hours a week during the year.
Professor WAHL.

2. *Intermediate German*.—Meyer's *Das Amulet*; Schiller's *Historische Skizzen* and *Wilhelm Tell*; Goethe's *Hermann und Dorothea*; Lessing's *Minna von Barnhelm*. Grammar and Composition. Incidental lectures.

Junior elective course. Three hours a week during the year.
Professor GOODRICH.

3. *Elective Advanced German*.—Goethe's *Faust* (Part I. complete and selections from Part II.) and other contemporaneous works of the classic period. Practice in writing German and in the use of the spoken language, based on some of the texts read. Outline of the history of German literature and private reading from modern literature. Incidental lectures.

Senior elective course. Three hours a week during the year.
Professor WAHL.

4. *Required Advanced German*.—Reading, composition, and oral practice.

Required as a third-year course for students without Greek. Three (four) hours a week during the year.

Professors WAHL and GOODRICH.

ITALIAN

DR. HANCOCK.

Grandgent's *Italian Grammar*; one or more comedies of Goldoni; selections from modern Italian prose; reading in the *Divina Commedia*; lectures on Italian literature of the thirteenth and fourteenth centuries.

Senior and Junior elective course. Three hours a week during the year.

HEBREW

Mr. LIVINGSTON.

A Course for Beginners.—Harper's *Introductory Hebrew Method and Manual*; reading of the book of Genesis and other narrative portions of the Bible, with some reading at sight.

Senior and Junior elective course. Three hours a week during the year.

DEPARTMENT OF BIBLICAL STUDY

President CARTER and Mr. BURR.

1. *Christian Evidences*.—Fisher's Manual.

Freshman required course. One hour a week during the second term.

President CARTER.

2. *Introduction to the New Testament*.—One of the Gospels is selected as the basis of the study, the Greek text used being Dr Riddle's revision of Robinson's Harmony of the Gospels in Greek, and the Cambridge Greek Testament. The critical work includes an examination of the text, with its variation in manuscripts, versions, and patristic quotations. Each section of the Gospel is studied in its relation to other accounts, and with reference to its chronological order. The more practical investigation of the subject is conducted on the line indicated in Dr. Harper's Inductive Bible Studies.

Senior elective course. Four hours a week during the year.

Mr. BURR.

DEPARTMENT OF PHILOSOPHY

President CARTER and Professor RUSSELL.

1. *Natural Theology*.—Flint's Theism.

Senior required course. Three hours a week during the first term.

President CARTER.

2. *Logic*.—In this study the use of logic rather than the theory of it is made prominent. Minto's Logic is used as a text-book ; but the instruction is also given in connection with such exercises as are adapted to give the student a comprehension of logical principles and to enable him to apply them in reasoning and in scientific investigation.

Junior required course. Three hours a week during the first term.

Professor RUSSELL.

3. *Psychology*.—This study is designed to be a preparation for advanced courses in psychology and philosophy. Mind is studied in its connection with the nervous system and its functions, and nothing more is attempted than to gain a general view of mental phenomena and mental development.

Junior required course. Three hours a week during the third term.

Professor RUSSELL.

4. *Introduction to Philosophy*.—The aim of this course is to acquaint the student with the nature and the leading problems of philosophy.

Chief prominence is given to questions relating to knowledge, duty and religious faith.

Senior required course. Three hours a week during the first term and two hours during the second term. Professor RUSSELL.

5. *Advanced Course in Theoretical Psychology*.—James's Principles of Psychology together with the more important subjects in abnormal psychology.

Senior elective course. Three hours a week during the year.

Professor RUSSELL.

6. *History of Philosophy*.—Weber's History of Philosophy and Paulsen's Introduction to Philosophy.

Senior elective course. Three hours a week during the year.

Professor RUSSELL.

DEPARTMENT OF HISTORY AND ART

HISTORY

Professors RICE and GOODRICH.

*1. *English History*.—Certain periods of English history are studied in a text-book. Lectures are given on important topics in general European history.

Junior required course. Three hours a week during the first term.

Professor RICE.

2. *American History*.—In this course the history of Europe and America during the 16th and 17th centuries is taken up. Lectures are given on the political relations of the two continents, the physiography of the United States, and the institutions of the colonial period.

Junior required course. Three hours a week during the first term (during the second term next year).

Professor RICE.

*3. *English and American History*.—A study of the origin and development of institutions in England and America, and of certain periods in the political history of the United States during the 19th century. The general aim of this course, in its method and subject, is to prepare students for the study of law.

Senior elective course. Three exercises (six hours) a week during the year.

Professor RICE.

4. *European History*.—Political and social history of Europe during the 16th and 17th centuries.

Junior elective course. Three exercises (six hours) a week during the year.

Professor RICE.

* Omitted this year.

5. *European History*.—This course will cover the period from 1789 to 1870.

Senior elective course. Three hours a week during the year.

Professor GOODRICH.

ART

Professor RICE.

History of Art.—A study of the forms and history of the arts of design, especially as expressed in architecture and ornament. The course is intended to give the student a general acquaintance with important epochs in the history of art, and also such practical insight into principles of decoration as may be of advantage in preparing for professional work. Photographs, lantern-slides, and diagrams are used for illustration (see page 57).

Senior and Junior elective course. Three exercises (six hours) a week during the year.

DEPARTMENT OF POLITICAL AND SOCIAL SCIENCE

Professor BASCOM.

1. *Political Science*.—Of the following sub-courses which are included in this course, the first five will be given consecutively and the remainder alternately :

(a) The Principles of Jurisprudence. Lectures.

(b) The Constitution of the United States. Andrew's Manual.

(c) The Historical Development of the Constitution to the present time. Lectures.

(d) The English Constitution. Lectures.

(e) English Constitutional History. Text-book and lectures.

(f) Municipal Law, Civil Law, Canon Law, Common Law. Lectures.

(g) International Law. Lectures.

Senior elective course. Three hours a week during the year.

2. *Political Economy*.—Political economy is first studied as an abstract science, treating of certain specified relations. It is then taken in connection with sociology, as modified by the circumstances under which its principles are applied. Text-book and lectures.

Junior required course. Three hours a week during the second and third terms.

3. *Sociology*.—The aim of this course is to give economics, ethics, and civics their true and immediate bearing on our social life. Text-book, Bascom's Social Theory.

Senior required course. Two hours a week during the second term and three hours a week during the third term.

DEPARTMENT OF MATHEMATICS AND SCIENCE

MATHEMATICS AND ASTRONOMY

Professors SAFFORD and LEFAVOUR, Mr. MILHAM, Mr. HUNTINGTON
and Mr. CONGDON.

1. *Plane Trigonometry*.—Use of logarithms. Application to mensuration and surveying. Wentworth's Trigonometry.

Freshman required course. Four hours a week during the first term. Mr. HUNTINGTON.

2. *Geometry*.—Solid geometry. Phillips and Fisher's Elements of Geometry.

Freshman required course. Five hours a week during the second term. Mr. HUNTINGTON.

3. *Advanced Algebra*.—Selected topics. Wells's College Algebra.

Freshman required course. Four hours a week during the third term. Mr. HUNTINGTON.

4. *Field Work in Surveying*.—Each student will receive instruction in the practical use of surveying instruments, including determination of heights, simple triangulation, the measurement of areas and leveling.

Freshman required course. Mr. CONGDON.

5. *Theory of Equations and Surveying*.—A special course to be taken in connection with Mathematics 6a and 6b by those entering with advanced mathematics. It will include the principles of surveying and their practical application in the field and the theory of equations as given in Wells's College Algebra.

Freshman special course. One exercise a week during the year.

Mr. MILHAM.

6a. *Plane Analytic Geometry*.—The course includes the study of the subject as given in the first eight chapters of Wentworth's Analytic Geometry, omitting the supplementary propositions.

Sophomore elective course. Three hours a week during the first term. Mr. MILHAM.

6b. *Elementary Differential Calculus*.—The method of limits will be followed, Osborne's text-book being used, with references to other works.

Sophomore elective course. Three hours a week during the second and third terms. Mr. MILHAM.

7a. *Advanced Differential Calculus*.—Applications of the differential calculus to curve-tracing and the evaluation of maxima and minima. Osborne's text-book will be used as a basis, with references to other works and with frequent lectures.

Junior elective course. Three hours a week during the first term.

Mr. MILHAM.

7b. *Integral Calculus*.—The course given in Osborne will be followed, together with applications to the solution of differential equations.

Junior elective course. Three hours a week during the second and third terms.

Professor LEFAVOUR.

8. *Elementary Astronomy*.—Exercises in trigonometry; spherical trigonometry; the art of computation. Descriptive astronomy. Lectures upon the history of astronomy. Practical exercises with portable instruments, and with fixed instruments in the observatory.

Junior elective course. Three hours a week during the year.

Professor SAFFORD.

9. *Exercises in Practical Astronomy*.—The instruments employed, besides time-pieces, are the sextant, transit instrument, meridian circle, universal instrument, and equatorial. The object of the course is to give additional practical knowledge of the subject, and facility in handling instruments and using formulæ. Computation of comets' orbits.

Senior elective course. Three hours a week during the year.

Professor SAFFORD.

10. *Astronomy*.—A course of instruction in practical astronomy is offered to graduates or persons qualified to pursue it. It will include the following subjects: theory and use of instruments; the art of computation; the method of least squares; reduction; criticism and discussion of observations; computation of the orbits of comets and planets, and, for those sufficiently advanced, special and general perturbations. Students who wish to pursue geodesy, instead of astronomy proper, can substitute triangulation and the figure of the earth for certain portions of astronomy. Mathematical subjects not included in the college course will be taken up so far as is necessary. Every encouragement will be given to qualified persons to carry on independent research in these branches. Direction will also be given to the work of students who wish to prepare themselves to become teachers of mathematics on the lines indicated by Professor Safford in his monograph on *Mathematical Teaching and its Modern Methods*.

Professor SAFFORD.

CHEMISTRY

Professor MEARS and Mr. WILLIAMS.

The work in Chemistry is divided into the following courses :

1. *General Chemistry*.—This course aims to teach the principles of the science in connection with the study of the non-metallic elements. It is also preliminary to the elective courses. Instruction is given by lectures and recitations, supplemented by work in the laboratory, to which one-third of the time is devoted.

Sophomore required course. Three times a week during the second half year.

2. *Chemistry*.—While instruction in the metallic elements and their compounds is given by lectures and examinations, this course is chiefly devoted to practical work in the laboratory. Two hundred analyses of the more important metallic and mineral substances are required of each student, with examinations on the processes involved. The third term is devoted to lectures and examinations on the methane series of carbon compounds.

Junior elective course. Three exercises (six hours) a week during the year.

3. *Chemistry*.—The first term in this course is devoted to the quantitative determination and separation of the more common bases and acids. A course of lectures is also given in which a discussion of the atomic and molecular weights and of the modern theories of the science is taken up.

The second and third terms are devoted to lectures on the benzene series of organic compounds, together with the preparation of the more important substances. A portion of the time is devoted to water and milk analysis, and, for those desiring it, to work in medical chemistry.

Elective course for students who have taken courses 1 and 2. Three exercises (six hours) a week during the year.

The above courses are also open to graduates, and advantages are offered for advanced work in the science.

PHYSICS

Professor LEFAVOUR, Mr. MILHAM, and Mr. CONGDON.

1. *General Physics*.—The instruction includes lectures with experimental demonstrations, oral and written recitations, and twenty practical exercises in the laboratory. A printed abstract of the lectures is used as a text-book. The first term is devoted to kinematics, dynamics, and sound ; the remainder of the year to heat, light, and electricity.

The purpose of the course is to state and explain the general principles of the science, and to find their application in the experiences and phenomena of daily life. A knowledge of elementary mathematics, including plane trigonometry, is essential.

Sophomore required course. Three hours a week during the year.

Professor LEFAVOUR.

2. *Practical Physics*.—The course consists of a series of physical measurements in the laboratory, together with a study of the methods and principles involved, as well as the scientific literature relating to each problem. The exercises during the first term include a study of general physical processes such as measurements of length, area, volume, mass and density, and determinations of the constants of elasticity, capillarity, tenacity, and gravity. In the second and third terms three sub-courses are arranged and are open to the election of the students who have completed the exercises just mentioned. The first consists of exercises taken from sound, heat, light, and electricity, the second is devoted entirely to measurements in electricity and magnetism, and the third is restricted to exercises which are of especial importance in chemical physics.

Elective course for Juniors and Seniors. Three times (six hours) a week during the year.

Professor LEFAVOUR, Mr. MILHAM, and Mr. CONGDON.

*3. *Advanced Electricity*.—This course is a continuation of the sub-course in electricity in Physics 2. The subjects considered during the first term are capacity, mutual and self-induction—their comparison and absolute determination—magnetism and electro-magnetism. During the second term application is made of these methods and principles to the study of electrical apparatus, such as bells, telegraph and telephone instruments, induction coils, arc and incandescent lamps, etc., and to the determination of the characteristics and efficiencies of dynamos and motors. During the third term will be considered the general problem of the distribution of current, with reference to efficiency, economy, durability, and cost.

Elective course for Seniors. Three exercises (six hours) a week during the year.

Mr. MILHAM.

4. *Chemical Physics*.—In this course the physical theories of chemistry are studied, accompanied by a series of laboratory exercises. In the latter part of the course the laboratory investigation of some special problem is undertaken. The course is open only to those who have taken Chemistry 2 and Physics 2.

Senior elective course. Three exercises a week during the year.

Professor LEFAVOUR.

* Omitted the present year.

Drawing.—During the current year instruction will be given in mechanical and freehand drawing and in descriptive geometry, to aid those who are to enter a technical school after graduating from college. By properly choosing their college electives, graduates will thus be able to enter the third year of any technical school. The work in this course cannot be counted as a part of the required or elective work of the college, and the expenses attending the instruction are to be met by those taking the course.

Mr. CONGDON.

BIOLOGY

Professor CLARKE, Assistant Professor PECK, and Mr. CURTIS.

1. *General Biology.*—This course is an introduction to the study of living matter and of its relations to inorganic matter, or matter in the non-living state.

A somewhat detailed study of a number of typical animals and plants is made the basis for brief discussions of the leading principles of general biology, *e. g.*, the nature of protoplasm, cell life, the relations of animals and plants; some of the main points in embryology, heredity, and evolution, the structure and functions of bacteria and their relations to human life. There will also be given a brief review of the history of biology, showing how this science has come to its present condition, and what its great problems are.

Sophomore required course. Three hours a week during the first half year.

Professor CLARKE.

2 (a). *Comparative Anatomy of Vertebrates.*—A laboratory study is offered of a series of vertebrates, to include successively a selachian (skate), a telestome (cod), an amphibian (frog and tadpole), a reptile (young alligator), bird (pigeon), and a mammal (guinea-pig or rabbit). Fresh material is provided in all cases, and advantages offered for the acquisition by the student of a somewhat detailed plan of the structure and modifications of the various systems of organs of the vertebrate body.

Methods of laboratory study are employed at the beginning of the course, while short lectures are given as an aid to an understanding of the material under dissection. Other lectures are also statedly given, which relate to the zoölogy and classification of the various groups of which the above selected forms are representatives. At the close of the course six lectures are given upon the work of Mr. Darwin and some of the related problems.

(b). *Embryology and Histology.*—Following the work in anatomy there will be offered a discussion of the development of a vertebrate, with laboratory study upon the amphibian eggs common in the locality.

The general changes of form will be observed in the growth of the embryo, together with the differentiation of the various organs of the body. There will also be demonstrations of the histology of the adult tissues as far as the time will allow, with lectures in explanation and illustration.

Junior and Senior elective course. Three exercises a week during the year. Dr. PECK and Mr. CURTIS.

3 (a). *Invertebrate Zoölogy*.—Some of the principles of animal morphology are brought out during the year by a laboratory study of certain orders of invertebrates, taken successively from the Protozoa, Porifera (*Grantia*, etc.), Coelenterata (*Hydra* and hydroids), Platoda (fresh-water forms), Annelida (*Lumbricus*), Mollusca (*Mya*, *Sycotypus*, *Loligo*), Echinodermata (*Asterias*), Crustacea (crayfish), and Insecta (*Acridium*).

The lectures which attend the work are designed partly to aid in the laboratory study, and also to bring out some of the problems of biology as they are illustrated in the several groups from which the above forms are taken as representatives. There will also be laboratory practice in the preparation of material for microscopic study, such as staining, mounting, section cutting, etc.

(b). During the second half of the year a laboratory study in the embryology of the chick is offered. The work is prefaced by several lectures and demonstrations illustrating the phenomena of fertilization, karyokinesis, and segmentation. An attempt is then made to present the general features of the development of the organs of the chick. Ample illustrations of the study are used in the lecture room by the projection microscope and diagrams, while the student is enabled to make preparations of the various stages of the development.

Senior elective course, open to those who have taken courses 1 and 2. Three exercises (six hours) a week during the year.

Dr. PECK and Mr. CURTIS.

HYGIENE, ANATOMY AND PHYSIOLOGY

Professor WOODBRIDGE.

1. *Hygiene*.—A series of lectures on subjects pertaining to health and habits of study. Each member of the class is subjected to an examination of heart, lungs, and eyes for the purpose of giving him any personal suggestions that may seem advisable.

Hutchinson's *Physiology and Hygiene* and Rohe's *Text-Book of Hygiene* are recommended for reference.

Freshman required course. One hour a week during the first term.

2. *Anatomy and Physiology.*—An effort is made to exhibit not only the results, but also the methods of physiological research. Gray's Anatomy, Foster's Physiology (1 vol. edition), Ladd's Physiological Psychology, and Raymond's Manual of Human Physiology are suggested as text-books.

(a) *Nervous System.*—Instruction by lectures and syllabus. In this course special attention is given to the nervous system with reference to its relations to psychological processes and problems.

Junior required course. Three hours a week during the second term.

(b) *General Anatomy and Physiology.*

During the first term the instruction is by lectures and syllabus. The aim of the course is to give the student a general view of physiology with sufficient anatomy and histology to make the subject intelligible.

During the second and third terms the instruction is by text-book—Gray's Anatomy. The subjects studied are osteology, joints, and muscles.

It is hoped, by adding this course to the electives in the natural sciences, to afford material aid to those planning to pursue medical study. Faithful work in these departments will secure for the student advanced standing in several medical colleges.

Senior elective course. Three hours a week during the year.

During the spring term, at the request of successive Senior classes, a short course of lectures has been given on practical questions relating to the hygiene of the home.

GEOLOGY AND BOTANY

MR. DALE.

Two-thirds of this course is devoted to geology with some mineralogy, and the remainder of it to botany. The botany is begun with the geology in the fall and completed in the third term.

The geological course consists of lectures and recitations on elementary geology, petrography, paleontology, and mineralogy, the study of specimens, several geological excursions, and the preparation by each student of a paper on some assigned outdoor subject. Archibald Geikie's Class-Book of Geology will be used as an introduction. The various departments of geology will be subordinated to structural and historical geology.

The mode of instruction is designed to combine the advantages of both the recitation and lecture system, and to supplement these with training in observation both in the museum and in the field.

The course in botany is to be conducted on the same principles. Emphasis will be placed on the external morphology of plants and on systematic botany, with a view of making the student acquainted with the more common flowering plants and of teaching him to study them by groups and orders rather than by species.

The region affords rare facilities for the study of both geology and botany.

Senior elective course. Three lectures and three hours laboratory work a week during the year, with afternoon excursions in the third term taking the place of some of the other exercises.

DEPARTMENT OF PHYSICAL CULTURE

Mr. SEELEY.

Exercises consisting of marching, calisthenics, and light gymnastics with wands, clubs, chest-weights, and dumb-bells.

Required Freshman course. Four half-hour periods a week during the first term. Two one-hour periods a week during the second term.

Elective work in the gymnasium is offered to the men in the other classes, and every effort is made to encourage outdoor sports.

EXHIBIT OF STUDIES

The following exhibit of studies indicates the courses of instruction that are required of each class. Sixteen hours a week are required of the Freshmen and Sophomores, and fifteen hours a week of the Juniors and Seniors in the full course. All the studies of the Freshman year are prescribed. In the Sophomore year ten hours are prescribed and six hours are elective. In the Junior and Senior years six hours of work are prescribed, and nine are to be chosen from the elective courses. Students in Groups II., III., IV. and V. must have completed, before graduation, the work covered by courses 1, 2 and 4 in German, and courses 1, 2 and 3 in French; those in Group I. must have included in their electives the second year's work in one of these languages. The groups are arranged according to the different conditions of admission stated on page 22. The unenclosed figures refer to the courses of instruction as arranged according to departments, in the preceding pages, and the figures in parentheses indicate the number of exercises a week for each course.

FRESHMAN CLASS—REQUIRED COURSES				
GROUP I.	GROUP II.	GROUP III.	GROUP IV.	GROUP V.
<i>First Term</i>				
English 9	English 9	English 9	English 9	English 9
French 1, (3)	*French 3, (4)	*French 1, (3)	*French 2, (4)	French 1, (3)
Greek 1, (4)	German 1, (3)	*German 4, (4)	German 1, (3)	*German 2, (4)
Latin 1a, (3)	Latin 1a, (3)	Latin 1a, (3)	Latin 1a, (3)	Latin 1a, (3)
Latin 1b, (1)	Latin 1b, (1)	Latin 1b, (1)	Latin 1b, (1)	Latin 1b, (1)
Mathematics 1, (4)	Mathematics 1, (4)	Mathematics 1, (4)	Mathematics 5, (1)	Mathematics 5, (1)
Physical Training (4)	Physical Training (4)	Physical Training (4)	Mathematics 6, (3)	Mathematics 6, (3)
Physiology 1, (1)	Physiology 1, (1)	Physiology 1, (1)	Physical Training (4)	Physical Training (4)
			Physiology 1, (1)	Physiology 1, (1)
<i>Second Term</i>				
Biblical Study 1, (1)	Biblical Study 1, (1)	Biblical Study 1, (1)	Biblical Study 1, (1)	Biblical Study 1, (1)
English 1, (1)	English 1, (1)	English 1, (1)	English 1, (1)	English 1, (1)
English 9	English 9	English 9	English 9	English 9
French 1, (3)	French 1, (3)	French 1, (3)	*French 2, (4)	French 1, (3)
Greek 2, (3)	German 1, (3)	German 4 (3)	German 1, (3)	*German 2, (4)
Latin 2, (3)	Latin 2, (3)	Latin 2, (3)	Latin 2, (3)	Latin 2, (3)
Mathematics 2, (5)	Mathematics 2, (5)	Mathematics 2, (5)	Mathematics 5, (1)	Mathematics 5, (1)
Physical Training (2)	Physical Training (2)	Physical Training (2)	Mathematics 6, (3)	Mathematics 6, (3)
			Physical Training (2)	Physical Training (2)

Third Term

English 1, (1) French 1, (3) Greek 3, (4) Latin 3, (4) Mathematics 3, (4) Mathematics 4	English 1, (1) *French 3, (4) German 1, (3) Latin 3, (4) Mathematics 3, (4) Mathematics 4	English 1, (1) *French 2, (4) German 1, (3) Latin 3, (4) Mathematics 5, (1) Mathematics 6, (3)	English 1, (1) French 1, (3) *German 2, (4) Latin 3, (4) Mathematics 5, (1) Mathematics 6, (3)
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* Outside reading equivalent to a recitation-hour or an extra recitation-hour is required in addition to the three regular exercises.

SOPHOMORE YEAR

GROUP I.	GROUP II.	GROUP III.	GROUP IV.	GROUP V.
REQUIRED COURSES				
Biology 1, } (3) Chemistry 1, } English 2, (1) English 9 German 1, (3) Physics 1, (3)	Biology 1, } (3) Chemistry 1, } English 2, (1) English 9 German 2, (3) Physics 1, (3)	Biology 1, } (3) Chemistry 1, } English 2, (1) English 9 German 2 Physics 1, (3)	Biology 1, } (3) Chemistry 1, } English 2, (1) English 9 French 2, (3) Physics 1, (3)	Biology 1, } (3) Chemistry 1, } English 2, (1) English 9 French 2, (3) Physics 1, (3)

ELECTIVE COURSES

Each Sophomore is required to choose two of the following three-hour courses.

French 2 Greek 4 Latin 4 Mathematics 6	Italian Latin 4 Mathematics 6	Italian Latin 4 Mathematics 6	French 3 Italian Latin 4 Mathematics 6	German 4 Italian Latin 4 Mathematics 6
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JUNIOR AND SENIOR YEARS

JUNIOR REQUIRED COURSES

<i>First Term</i>	<i>Second Term</i>	<i>Third Term</i>
English 3	English 3	English 3
History 2, (3)	Physiology 2a, (3)	Philosophy 3, (3)
Philosophy 2, (3)	Political Science 2, (3)	Political Science 2, (3)

SENIOR REQUIRED COURSES

<i>First Term</i>	<i>Second Term</i>	<i>Third Term</i>
English 4	English 8, (2)	English 8, (3)
Philosophy 1, (3)	English 4	Political Science 3, (3)
Philosophy 4, (3)	Philosophy 4, (2)	
	Political Science 3, (2)	

ELECTIVE COURSES

Seniors are required to choose three courses from groups (a) and (b), the hours of which do not conflict. Juniors are required to choose three courses in group (b) the hours of which do not conflict. Each course consists of three exercises a week.

(a)

Anatomy	English 7	Philosophy 5
Biblical Study 2	Geology-Botany	Philosophy 6
Biology 3	German 3	Physics 3
Chemistry 3	History 5	

(b)

Art	French 3	History 4
Astronomy	German 2	Italian
Biology 2	German 4	Latin 5
Chemistry 2	Greek 5	Mathematics 7
English 6	Hebrew	Physics 2
French 2	Political Science 1	

GENERAL INFORMATION

LIBRARY

The College Library contains forty thousand seven hundred and fifty volumes, exclusive of duplicates, and over fifteen thousand pamphlets. The card catalogue now covers this entire collection, bound and unbound. For the maintenance and enlargement of the library about four thousand dollars are expended annually. The Lawrence, Jonathan Phillips, Adriance, Jones, and other library funds represent a capital sum of forty-three thousand dollars, the income from which is increased by gifts, and by special appropriations of the trustees.

Students have direct access to all books. They may draw three volumes at a time, to be retained, if desired, for two weeks, with the privilege of one renewal. Abundant facilities are afforded for reading, study, and writing during library hours.

The library is open every week day during the entire year. In term time the hours are from 8.30 A. M. to 12.30 P. M., from 2 P. M. to 6 P. M., and for the east wing only from 7.30 P. M. to 9.30 P. M. On Sundays during the college year the library is open, for reading and reference only, from 2 P. M. to 5.25 P. M. In vacation the hours are from 10 A. M. to 12 M. on week days only.

A special effort is made to promote the seminary method. For this purpose reference books bearing on the term's work are placed in a special department of the east wing. Branch libraries are established in the Thompson Laboratories, bringing the books bearing on biology, chemistry, and physics within the immediate reach of students in those departments. With the same method in view, books used for special study in language, history, or philosophy, are placed in rooms of the library or other college buildings reserved for this purpose.

The libraries of the Philotechnian and Philologian Societies, containing nine thousand volumes, are open to their members Wednesdays and Saturdays.

A comfortable reading-room, well supplied with daily and weekly papers and other current literature, is maintained under the auspices of the Mills Young Men's Christian Association.

LABORATORIES

The departments of biology, chemistry, and physics are located in the three buildings presented to the college by F. F. Thompson, Esq., of New York City.

The Biological Laboratory contains a laboratory room for each class of work. There is besides a general lecture-room, a library and reading-room where much of the current literature of biology is kept on file, also a room for illustrative collections, and an aquarium room. The work of instruction and research commands the aid of suitable apparatus, such as microscopes, microtomes, ovens, baths, etc., and other necessary appliances, together with a large series of charts, models, and illustrative collections, which are being continually increased. There is also a complete stereopticon outfit, with projection microscope and arc light.

The Chemical Laboratory contains three large laboratories, private laboratories, lecture and recitation rooms, and a reference library, all of which are supplied with the best modern appliances.

The Physical Laboratory contains a well appointed lecture-room, a recitation-room, separate laboratories for the work of the different classes, a department library, and rooms especially arranged for advanced work in electricity, magnetism, light, and chemical physics. Power is furnished by a Westinghouse engine of fifteen horsepower, and the electrical equipment includes a five-kilowatt dynamo, experimental dynamos and motors,

Weston measuring instruments, galvanometers, standard cells, condensers, and resistances. A storage battery of thirty cells furnishes current for the electric lights used in the lecture room and laboratories.

OBSERVATORIES

The astronomical department of the college possesses two observatories for illustration and scientific investigation. The older was built by Professor Albert Hopkins in 1838, and contains an equatorial by Phelps of Troy, with an object glass by Alvan Clark, Senior, which has an aperture of $7\frac{1}{2}$ inches. This instrument was constructed about 1852 and is interesting as an early example of Clark's optical work. It is employed for gazing purposes and the observation of occasional phenomena. The other rooms of the Hopkins Observatory contain a transit instrument by Troughton and Simms, with an aperture of $3\frac{3}{4}$ inches, though this is now but little used as it has been replaced by a more modern apparatus.

In another part of the town an area, comprising five acres and a half, was purchased in 1881 for astronomical purposes. At present this enclosure contains the Field Observatory, an iron meridian house, built at the expense of the Hon. David Dudley Field, together with a hut for the accommodation of portable instruments. The main instrument of this observatory is a fine meridian circle by the Repsolds of Hamburg, with a telescope of $4\frac{8}{10}$ inches aperture and a circle divided to $2'$ of arc, reading by four microscopes to single seconds directly. The meridian circle is provided with the necessary clock, chronograph, and collimators. In addition, the department of astronomy is provided with a large number of portable instruments, among which are two telescopes for gazing purposes, and a portable transit with zenith telescope attachment, as well as two theodolites, one of them a Wanschaff universal with seven-inch limb and micro-

scope reading to 5" directly. There are also several instruments of reflection, including sextants of the best kind, a prismatic circle, and several sailors' octants, with chronometers and artificial horizons and other small pieces of apparatus. A complete set of meteorological apparatus has been kept in regular use since about 1811.

CLASSICAL SOCIETY

The Classical Society, formed of instructors and students in the elective Latin and Greek courses, has for its object the encouragement of original research. It holds its regular meetings in the College Library, on the second Tuesday evening of each month, for the reading and discussion of original papers and for reports in the fields of Greek and Latin philology and archæology.

LYCEUM OF NATURAL HISTORY

This organization was founded in 1835, and is maintained by the students of the college in connection with the department of biology. Regular bi-weekly meetings are held, at which reports are presented by the members or by others, upon some subject of interest. Public lectures are also given at intervals during the year under the auspices of this society.

The fund established by the late William J. Walker provides opportunities for a scientific expedition, to be organized for the purpose of making collections and of study, at some more or less distant points. This provision is realized every fourth year by the terms of the gift, and was put into effect the past summer (1896-7), in connection with the Marine Biological Laboratory at Woods Holl, Mass.

The Lyceum of Natural History was provided with a building, Jackson Hall, named in honor of its donor, the late Nathan Jackson, in which a museum is located, which contains scientific material collected by former expedi-

tions, together with ethnological material sent to the college by its missionary graduates, besides various collections belonging to the college.

ART ASSOCIATION AND COLLECTION

The Williams Art Association, an organization of the students, under the direction of Professor Rice, provides lectures and exhibitions during the autumn and winter terms, which supplement the elective course mentioned on page 41. Two recent graduates have generously fitted up one of the large lecture-rooms in the Hopkins Memorial Building for displaying and storing the illustrations that are purchased from year to year with the funds of the association. Other graduates contribute annually to maintain these funds, and the beginning of a small working collection has been formed. It includes photographs, lantern-slides, prints (mainly Amand-Durand fac-similes), a few casts and books. During the past year Mrs. S. D. Warren, of Boston, has added to her gift of Ongania's great work on San Marco, the money necessary to mount and frame the reproduction of the façade, and this has now been hung in the upper corridor of Hopkins Hall.

A valuable collection of paintings, bas-reliefs, Etruscan vases, and Peruvian pottery, the gift of the late Mrs. John W. Field, of Philadelphia, is on exhibition in the new Library extension.

The gift of suitable works of art is solicited by the trustees of the college, subject to approval by a committee of their number.

MUSEUM

The college cabinet as recently rearranged in Clark Hall includes the following collections: mineralogical, petrographical, paleontological, geological (structural), geological (local), conchological (synoptic), and botanical.

Included in this list are certain special collections, such as the Wilder Mineralogical Cabinet, given, as was the building itself, by the late Edward Clark, of the class of 1831, the geological collection of the late Prof. Ebenezer Emmons, and the herbaria presented to the college by several persons.

These collections include everything needed for college work in geology, mineralogy, and botany.

Clark Hall is also provided with tables and dissecting microscopes for laboratory work in botany.

GYMNASIUM

The Lasell Gymnasium, erected and equipped at a cost of \$50,000, chiefly by the munificence of the widow of the late Hon. Josiah Lasell of the class of 1844, and of his son, Josiah Manning Lasell, of the class of 1886, furnishes abundant facilities for physical development. The apparatus is the outcome of the study and invention of the best teachers of gymnastics. Pulley-weights of the best pattern, adjustable to varying strength, light Indian clubs, dumb-bells, both of wood and of iron, horizontal and parallel bars, rings, and apparatus for developing special muscles are used under the immediate supervision of an instructor. An inclined padded running track 229 feet in length, base-ball cage and bowling alleys are important features of the building. It is provided with hot and cold water, tub, sponge and shower baths, and three hundred and seventy lockers. There are several class drills daily in the main hall at hours suiting the convenience of the students. A careful examination and measurement of each student is made by the director, not only soon after entering college, but also at occasional intervals later in the course, in order that the exercise may be adapted to individual peculiarities, and a symmetrical development secured. Gymnastic exercise is required of the Freshman class during the first and second terms.

The smaller athletic fields near the college buildings afford practice in tennis, lacrosse, and similar sports, while the large Weston Field, the gift of the Hon. Byron Weston, of Dalton, affords ample opportunity for baseball, foot-ball, and other outdoor exercises. A cinder track has been laid on the same field for the various exercises of the Athletic Association.

COLLEGE INFIRMARY

Through the kindness of friends of the college a house has been provided where students who are ill can receive proper attention. Friends of the students who wish to assist in their care can be accommodated at the infirmary, and in severe cases trained nurses may be secured at the expense of the patient. There is no extra charge for care of the sick, but each student received into the infirmary pays for his own board and that of his nurse.

THOMPSON COURSE OF ENTERTAINMENTS

This course, which was established by the liberality of F. F. Thompson, Esq., of New York City, provides lectures, concerts and other entertainments during the winter term.

ORDER AND DISCIPLINE

It is the aim of the college to develop in the individual student the sense of personal responsibility for good order and a high standard of scholarship, and to secure, in the largest measure, his co-operation with the faculty in the development of his own character.

ATTENDANCE ON COLLEGE EXERCISES

Attendance is required upon nine-tenths of all college exercises, and if a student fail for any cause to meet this requirement of attendance upon secular exercises, work additional to that done by the class will be assigned in

some department or departments of study in which the failure has occurred. This assignment of extra work will be made by a committee of the faculty in consultation with the instructor, and will be announced at the end of the term.

The regulation of attendance upon both the secular and religious exercises is entrusted to the dean. He is authorized to establish such rules for attendance upon the religious exercises of the college as he may deem necessary, and to place under probation any student who fails to meet these requirements, or whose attendance on recitations and lectures is especially irregular. If a student does not comply with the conditions of the probation, the dean may dismiss him from college; but any student thus dismissed may have the right of an appeal through the dean to the faculty.

EXAMINATIONS

At the close of the first term the students are examined upon the work of that term, and at the end of the year upon the work of the second and third terms. These examinations cannot be taken before the times appointed by the faculty. Students who by reason of illness are excused from these examinations, and students who fail to pass them, are examined at such times as the faculty may appoint. The final examination of the Senior class occurs during the week beginning on the third Monday before commencement day.

DEGREES

Bachelor of Arts.—The degree of Bachelor of Arts is conferred by vote of the trustees at the annual commencement upon students who have completed a full four years' course to the satisfaction of the faculty, have paid their dues to the treasurer, and have returned all books belonging to the library; but the degrees may be forfeited by misconduct at any time previous to the close of the commencement exercises.

Master of Arts.—The degree of Master of Arts will be conferred upon graduates of this college, or of any college which grants the Bachelor's degree under similar or equivalent conditions, who have spent one year in residence at this college pursuing two approved courses of study in different departments, the total work being equal to that of a college year, and who have passed satisfactory examinations on both subjects and have prepared a satisfactory thesis.

The degree will be conferred upon graduates of this college, not earlier than two years after their graduation, who have spent one year in residence at any educational or scientific institution engaged in non-professional study, and, who, having been registered at this college as candidates for the degree not less than a college year, have fulfilled the conditions regarding courses of study, examination and thesis specified in the preceding paragraph.

The degree will be conferred upon graduates of this college, not earlier than three years after their graduation, who, not having been in residence, but having been registered at this college as candidates for the degree not less than two years, have fulfilled the conditions with regard to courses of study, examination and thesis specified in the first paragraph.

Each candidate for this degree must register his name, address and course of study with the secretary of the faculty, not later than the fifteenth of October of the year for which he desires registration. Blank forms for registration may be obtained upon application. This registration must be renewed each year for which the applicant desires to be considered a candidate. A registration fee of five dollars must be paid at the time of the first registration.

Each candidate must submit two courses of study, not in the same department. These courses must meet the approval of the professors to whose departments they are related, and of the faculty committee on graduate students

(consisting for the present year of the dean of the faculty and Professor Hewitt). Of these courses one, to be known as the major course, must be equivalent to at least two-thirds of the work of a college year, and the other, to be known as the minor course, must be equivalent to at least one-third of the work of a college year.

The thesis required of each candidate must be a subject related to the major course of study. It must be submitted not later than the fifteenth of May of the year in which the candidate desires to be examined, and must meet the approval of the professor to whose department it is related and of the faculty committee on graduate students. A copy of the thesis, printed or typewritten on paper of the size usually used in a typewriter, must be deposited in the college library.

In addition to the registration fee a charge of twenty dollars will be made for the examinations, and must be paid at the time the examinations are taken. No further charge will be made for a diploma.

Candidates in residence who desire instruction will be charged forty dollars for each course in addition to the prescribed fees for registration and examination. This will entitle them to one weekly period of instruction in each course. An additional charge may be made for the use of laboratory apparatus.

Successful candidates for the degree are expected to be present at the time the degrees are conferred unless previously excused by the president.

RECORDS AND REPORTS

A report of scholarship and conduct is made to every student's parent or guardian at the close of the first and third terms, and at such other times as the faculty may deem expedient. A permanent record is also kept of each student's scholarship, and by this record his final rank is determined.

PUBLIC WORSHIP

Prayers are held every week-day morning and Sunday evening, at which all students are required to be present.

Religious services are held on Sunday in the college chapel, and the attendance of all students is required. Members of other churches may be excused at the request of their parents or guardians to attend the services of their own denominations.

The preachers for the year, besides certain professors, have been : Rev. Dr. Pattison, of the Rochester Theological Seminary ; Rev. Dr. Savage, of Newburg, N. Y. ; Rev. W. L. Tenney, of North Adams ; Rev. Dr. Newton, of Pittsfield ; Rev. Dr. Riggs, of the Auburn Theological Seminary ; Rev. Joseph H. Twichell, of Hartford, Conn. ; Rev. C. E. Jefferson, of Chelsea ; Rev. Harry P. Dewey, of Concord, N. H. ; Rev. Dr. Jenkins, of Portland, Me. ; Rev. Dr. Terrett, of Hamilton College ; Rev. Harris E. Adriance, of New York City ; Rev. Frank R. Shipman, of Andover ; Rev. A. B. Bassett, of Ware ; Rev. Dr. Washburn, of Pasumalai, India ; Rev. Dr. Harris, of the Andover Theological Seminary ; Rev. I. C. Smart, of Pittsfield ; Rev. Dr. Thompson, of Pittsfield ; Rev. G. G. Atkins, of Greenfield ; Rev. S. G. Barnes, of Longmeadow ; Rev. F. L. Goodspeed, of Springfield ; Rev. G. K. Newell, of Plainfield, N. J. ; Rev. Dr. Merriman, of Worcester ; Rev. George L. Richardson, of Bennington, Vt. ; Rev. Dr. Alexander, of New York City ; Rev. Dr. Barton, of Boston ; Rev. J. Hopkins Denison, of New York City ; Rev. John H. Lockwood, of Westfield ; Rev. Dr. Sawin, of Troy, N. Y. ; Rev. S. V. V. Holmes, of Buffalo, N. Y. Rev. Dr. Moxom, of Springfield, conducted service on the Day of Prayer for Colleges, and Rev. William W. Clark was also present several days, including that day, and awakened much interest by his discourses on the Bible and on the claims of the higher life.

ALUMNI VISITORS

A committee is chosen by the associated alumni to visit the college at stated times, and to make an annual report. This committee consists at present of the following gentlemen :

(until commencement, 1898)

Leartus Connor, M.D., of Detroit, Mich., class of '65,
Felton Bent, B.A., of Philadelphia, Pa., class of '95 ;

(until commencement, 1899)

Charles F. Underwood, M.D., of Newark, N. J., class of '71,
Henry S. Patterson, B.A., of New York City, class of '96 ;

(until commencement, 1900)

John Tatlock, Jr., M.A., of New York City, class of '82,
The Rev. William M. Grosvenor, B.A., of New York City,
class of '85.

PRIZES**BENEDICT PRIZES**

The late Hon. Erastus C. Benedict, of the class of 1821, formerly an instructor in the college, established seven first prizes of twenty-five dollars each, which may be awarded annually for excellence in the following departments: Latin, Greek, French, German, Mathematics, Natural History, and History; seven second prizes of fifteen dollars each, which may be awarded in the same departments.

He also founded a prize of twenty-five dollars, to be given annually to that member of the college who, at the close of each college year, shall be found to have received the largest number of prizes.* Honorable mention is here counted as a prize. In case of a tie, the relative grades of the prizes will be taken into account, and honorable mention in Latin or Greek and a Rice book prize will not both be counted.

* For the present an additional sum of \$75.00 will be given each year by a friend of the college to increase this prize to \$100.00.

VAN VECHTEN PRIZE

A prize, amounting to seventy dollars, established by A. V. W. Van Vechten, Esq., of the class of 1847, may be awarded for extemporaneous speaking. The assignment of this prize will be made by the faculty, and will depend upon excellence of diction in the ordinary recitations, in the exercises of the literary societies, in public debates, or in such other exercises during the college course as test the speaker's readiness and ability.

GRAVES PRIZES

Arthur B. Graves, Esq., of the class of 1858, founded seven prizes, amounting to two hundred dollars, which may be awarded as follows: six prizes of twenty dollars each for the best six essays prepared by members of the Senior class, on subjects assigned by the faculty; and one prize of eighty dollars to the student who shall deliver his essay in the most effective manner before a public audience.

RHETORICAL PRIZES

On the evening before commencement, ten speakers, appointed equally from the Junior and Sophomore classes, deliver original orations in competition for five prizes. The income of two thousand dollars, a part of which was given by Elizur Smith, Esq., of Lee, is appropriated for these prizes.

The trustees of the college offer two prizes of twenty dollars and ten dollars respectively to members of the Freshman class for excellence in declamation.

RICE PRIZES

The income of five thousand dollars, left to the college by the late James Lothrop Rice, Esq., is by his will appropriated to the encouragement of Latin and Greek scholarship. Of this income sixty dollars may be awarded at commencement of each year to that member of the Senior class who shall have shown the fullest and most accurate

knowledge of certain Latin classics ; and forty dollars to the member of the same class who shall have attained the second rank in the knowledge of the same authors ; sixty dollars may be awarded at the same time to the member of the Senior class who shall have shown the fullest and most accurate knowledge of certain Greek classics ; and forty dollars to the member of that class who shall have attained the second rank in the knowledge of the authors in question. The same student may compete for the prizes in both departments, but no prize will be assigned to a student who has not pursued the subject as an elective during both the Junior and Senior years.

DEWEY PRIZE

The late Hon. Francis Henshaw Dewey founded a prize of fifty dollars to be given to the member of the graduating class who presents the most creditable oration in point of composition and delivery at commencement exercises.

LATHERS GOLD MEDAL

The income of a fund of one thousand dollars, received from Col. Richard Lathers, is to be used each year for the making of the Lathers gold medal from a mold or die, for the manufacture of which Colonel Lathers gave an additional sum of one hundred dollars. This medal will be offered in competition to all members of the Senior class who hand to the secretary of the faculty, on or before the first day of March preceding their graduation, a written essay of not less than one thousand words on "The Duties of Christian Men in relation to Government," and will be assigned to that writer whose essay has been pronounced by a committee of the faculty to be most worthy of publication. The essay selected shall then be sent by the secretary of the faculty to the *Springfield Republican* and to a journal published in Pittsfield, with the request that it may appear in a near issue of these

newspapers. In case no one of the competing essays has been adjudged worthy of publication, no medal for that year shall be awarded.

SCHOLARSHIPS

THE HORACE F. CLARK PRIZE SCHOLARSHIP

The Horace F. Clark Prize Scholarship, in honor of Horace F. Clark, of the class of 1848, has been established under the provisions of the will of Madame Marie Louise Souberbeille, his daughter, and the income will be awarded as follows :

(1) *For the Freshman year \$200*, to be awarded to the member of the class regularly and faithfully participating in and duly completing the exercises and duties of that year, who upon admission to the college shall have passed a better examination than any other such member of the class.

The examination for this scholarship will be held in Williamstown, on the Tuesday and Wednesday preceding the opening of the college year in September.

(2) *For the Sophomore year \$200*, to be awarded to the member of the class regularly and faithfully participating in and duly completing the exercises and duties of that year, who shall pass the best examination therefor, the sum to be paid at the end of the Sophomore year.

(3) *For the Junior year \$200*, to be awarded to the member of the class regularly and faithfully participating in and duly completing the exercises and duties of that year, who shall pass the best examination therefor, the sum to be paid at the end of the Junior year.

(4) *For the Senior year \$400*, to be awarded to the member of the class regularly and faithfully participating in and duly completing the duties of that year, who shall pass the best examination therefor, and shall engage to pursue at Williamstown for one year a course of graduate

study to be approved by the faculty, the sum to be paid one-half at the end of the Senior year and one-half at the close of such year of graduate study.

The subjects for the examinations for the candidates from the Sophomore, Junior and Senior classes are to be a major and a minor subject chosen from different departments of study, and must be submitted by the first of November each year to the committee of the faculty (consisting for the present year of Professors Hewitt, Fernald and Lefavour).

HONOR SCHOLARSHIPS

Several Honor Scholarships of \$2,500.00 each have been founded by alumni and friends of the college, the income of which is awarded by the faculty to as many young men as there are scholarships, in order not only to afford pecuniary aid, but also to recognize successful scholarship.

The scholarships already endowed, in whole or in part, are as follows :

The Thomson Scholarship, founded by the late Charles H. Thomson, Esq., of New York		\$2,500.00
The J. Ruthven Adriance Memorial Scholarship		2,500.00
The Warren Scholarship, founded by the late S. D. Warren, Esq., of Boston		2,500.00
The Gilson Scholarship, founded by the late Prof. C. F. Gilson		2,500.00
The Scholarship of the Class of 1862		1,227.00
The Scholarship of the Class of 1867		691.14

CLASS SCHOLARSHIPS

The income of the following scholarships is conferred on persons selected by the classes, or by their representative :

The Scholarship of the Class of 1851	\$2,500.00
The Scholarship of the Class of 1852	1,808.00

SCHOLARSHIP FUNDS

The income of all the endowments mentioned below, amounting to about \$7,500, is distributed annually, at the discretion of the trustees, among those students who are known to need aid, for the partial or entire payment of their college bills. Assistance will be given only to candidates for the bachelor's degree.

Those who apply for this aid are expected to show that they are in need of it, and also to prove by their work and conduct as students that they are worthy of it.

In accordance with a recent vote of the trustees this aid will be withheld from such students as fail to maintain a respectable standing in scholarship. Any student who, by reason of failure at a regular examination, is conditioned on the studies of any term and required to take a second examination, and any student who shall fail to attain an average mark of sixty-five per cent. in the studies of any term, will forfeit this assistance for the next term. Repeated failures of this kind will exclude him from further pecuniary aid. Neglect of duty, disregard of college laws, or indulgence in expensive habits will occasion a similar exclusion.

The amount allowed to a student lodging in a private or society house will generally be less than that granted to one who occupies a room in the college buildings.

A form of application may be obtained of the secretary of the faculty. Such an application, with the proper signatures, must be submitted to the authorities of the college. The receipt of aid for one year will not establish a claim to it for another year.

In assigning the income of the Horace Nathaniel Pennoyer Scholarship, the gift of ex-Governor Sylvester Pennoyer of Oregon, in memory of his son, who died at the infirmary of the college, November 24, 1894, preference will be given to students from the State of Oregon.

The income of \$6,000, the gift of Ebenezer R. Goodnow of Charlemont, will also ultimately be devoted to the assistance of indigent students.

John C. Baldwin Fund	.	.	.	.	.	\$27,915.14
Alumni Scholarship Fund	.	.	.	.	.	10,000.00
Mrs. Abby B. Mills Fund	.	.	.	.	.	8,300.00
State Fund	.	.	.	.	.	7,500.00
Woodbridge Little Fund	.	.	.	.	.	6,000.00
Ezra Starkweather Fund	.	.	.	.	.	943.60
Mrs. Robert Means Fund	.	.	.	.	.	1,000.00
Moses Day Fund	.	.	.	.	.	5,000.00
Mrs. Betsey Barnes Fund	.	.	.	.	.	300.00
Charles A. Jessup Scholarship	.	.	.	.	.	1,000.00
Three State Scholarships	.	.	.	.	.	4,500.00
Thomas Thornton Read Permanent Fund	.	.	.	.	.	4,965.75
Horace Nathaniel Pennoyer Scholarship	.	.	.	.	.	3,500.00
Thomas Thornton Read Scholarship	.	.	.	.	.	2,500.00
Francis Henshaw Dewey Scholarship	.	.	.	.	.	3,000.00
Henshaw Scholarship	.	.	.	.	.	3,000.00
Louisa F. Bartlett Scholarship	.	.	.	.	.	2,500.00
Homer Bartlett Scholarship	.	.	.	.	.	2,500.00
William Hyde Scholarship	.	.	.	.	.	2,500.00
Mrs. William Hyde Scholarship	.	.	.	.	.	2,500.00
Orrin Sage Scholarship	.	.	.	.	.	2,500.00
Miss Sarah R. Sage Scholarship	.	.	.	.	.	2,500.00
Hancock Scholarship	.	.	.	.	.	2,500.00
Olin White Geer Memorial Scholarship	.	.	.	.	.	2,500.00
Chadbourne Scholarship	.	.	.	.	.	2,500.00
Henry P. Brush Scholarship	.	.	.	.	.	2,375.00
Amos Lawrence Scholarships	.	.	.	.	.	2,000.00
Charles A. Dewey Scholarship	.	.	.	.	.	1,500.00
Abram B. Olin Scholarship	.	.	.	.	.	1,000.00
George H. Rosseter Scholarship	.	.	.	.	.	1,000.00
Newton Henry Rosseter Scholarship	.	.	.	.	.	1,000.00
Mrs. Charlotte Cone Scholarship	.	.	.	.	.	1,000.00
Charles Stoddard Scholarship	.	.	.	.	.	1,000.00
Emory Washburn Scholarship	.	.	.	.	.	1,000.00
Mrs. Sarah Woodhull Arms Scholarship	.	.	.	.	.	1,000.00
Cyrus Taggart Mills Scholarship	.	.	.	.	.	1,000.00
Charles Merriam Scholarship	.	.	.	.	.	550.00
J. Barker and Brothers Scholarship	.	.	.	.	.	500.00
W. W. Mason Scholarship	.	.	.	.	.	500.00
B. F. Bancroft Scholarship	.	.	.	.	.	500.00
Bela Peck Williams Scholarship	.	.	.	.	.	500.00
Thomas W. Williams Scholarship	.	.	.	.	.	500.00
Franklin M. Olds Fund	.	.	.	.	.	700.00

John Tatlock, Jr. Fund	.	.	.	.	.	\$ 500.00
Michael E. Driscoll Fund	.	.	.	.	.	1,000.00
Charles A. Heath Fund	.	.	.	.	.	500.00
William Hilton Fund	.	.	.	.	.	17,500.00
						<hr/>
Total	.	.	.	.	.	\$149,049.49

The income of the fund bequeathed to the college by the late Henry Titus Morgan, Esq., which amounted to \$82,000, has also hitherto been employed, in accordance with the preference of the donor, in assisting young men to secure an education, but this use of the income was not made mandatory by the will of the giver.

EXPENSES

TREASURER'S BILLS

Tuition, \$35 per term	.	.	.	.	\$105.00	\$105.00
Library	.	.	.	.	4.50	4.50
Gymnasium	.	.	.	.	3.00	3.00
Room rent, \$2.50 to \$37.50 per term	.	.	.	.	7.50	112.50
					<hr/>	<hr/>
					\$120.00	\$225.00

In addition to these items a fee is charged for the use of apparatus and materials in connection with the elective courses in art, biology, chemistry, and physics, namely, for the Senior and Junior course in art, \$12, for the Junior courses in biology \$15, in chemistry \$15 and breakage, and in physics \$12; the charges for the Senior courses are \$15 in biology, \$25 and breakage in chemistry and \$15 in physics. A small charge is made in each of these departments for the use of apparatus and materials in connection with the required courses. All fees mentioned in this paragraph are paid directly to the respective departments.

An additional charge of \$9 is made on the last term bill of the Seniors to cover the cost of the diploma, the general catalogue, and the alumni dinner.

Every student's bill is mailed to him at the beginning of each term, and he is held responsible for prompt payment, which is required in advance. In case any student fails to pay by the end of the second week of the term, he may be excluded from all college exercises.

Those students who, from choice or necessity, room in town, can obtain rooms at prices somewhat higher than the rates charged in college.

GENERAL EXPENSES

The following is an estimate of the necessary expenses for the college year :

Board, \$3.25 to \$6 per week, for 36 weeks	.	\$117.00	\$216.00
Washing	.	15.00	20.00
Fuel and light	.	8.00	18.00
		<u>140.00</u>	<u>254.00</u>

To the above items must be added the expense of furnishing room, cost of text-books, and incidentals. The amount of incidental expenses will depend very much on the habits of the student. It is earnestly recommended that parents and guardians should not authorize their sons and wards to obtain credit in town.

Any special damage done by students to college property will be charged in their term bills.

Those who enter on an advanced standing, unless they come from another college, pay the following sums as entrance fees, viz.: Sophomores, \$10; Juniors, \$20; Seniors, \$30; and this rule is also applicable to partial course students.

COLLEGE HALL

The house known as College Hall was built and furnished by the friends of the college in order to reduce the price of board for students. It is expected that the price will not exceed \$3.25 per week. Bills will be presented

monthly and must be promptly paid, or the penalty of exclusion may be applied.

Board can be obtained in private houses, in clubs, or in the hotels at prices ranging from \$3.50 to \$6.00 per week.

COLLEGE ROOMS

The dormitories of the college accommodate in double rooms two hundred and fifty students. Each student supplies the furniture for his room. In Morgan Hall and College Hall the rooms are heated by steam and cared for by the college, and the prices quoted include charges for heat and service, and in Morgan Hall for the use of the bath rooms. The rooms in the other buildings are heated by stoves and cared for by the occupants. Students receiving beneficiary aid are expected to room in the older dormitories.

Morgan Hall has thirty-three double rooms (a study and two bedrooms), two triple rooms (a study and three bedrooms), and one single room. The common size of the study is 14 by 16. Each bedroom is 8 by 12. The yearly rental for each occupant is from \$72 to \$112.50.

College Hall has six double rooms (a study and one large bedroom), and two single rooms. Each room is 16 by 18. The yearly rental for each occupant is from \$60 to \$79.50.

The older buildings, Kellogg Hall, and East, South and West Colleges, have seventy-seven double rooms (a study and two small bedrooms, or one large one), and five single rooms. The size of the study is generally 12 by 16, and of the bedroom 7 by 9. The yearly rental for each occupant is from \$7.50 to \$30.

Early in May the rooms are rented for the ensuing year. The two occupants of any room can retain their room for the coming college year. One student can hold his half of a double room by securing a room-mate from his own class or from an upper class. The rooms not thus re-engaged are offered to the classes in the order of seniority.

The choice in each class is determined by lot, but no choice is given except to two members of the same class who have signified a desire to room together.

Students about to enter college, who wish rooms in the steam-heated building, should make early application to the registrar. To secure these rooms an obligation for the college year must be given and the first term's rent must be paid in advance. Rooms in the other buildings can be secured as soon as the student's entrance papers are accepted and the obligation for the year has been given. The superintendent of buildings will clean and repair the rooms for the entering class, and will furnish on application the definite dimensions of the rooms and other information relating to the condition of the rooms. All furniture should be sent to his care.

As the rooms are arranged for two occupants, it is very desirable that students about to enter college should secure their own room-mates before the college year opens. When this is not done, the men will be located in the order of their application.

Each student renting a college room must occupy it himself, no transfer of rooms being allowed. Each occupant will have the legal relation of a tenant and will be held responsible for damage done to the room.

Students who leave college at the end of the college year, as well as those who are to change from one room to another, or from a college room to a private house or a society house, must remove all furniture and other property from their rooms within two weeks after commencement day. Names should be put upon each prominent piece of furniture. Furniture not thus removed by the owner will be removed by the college employees and stored at the owner's expense. This expense will be collected of students who leave college when the property is taken away, but for other students it will be charged in the next term bill.

PRIZES AWARDED AT COMMENCEMENT, 1897

BENEDICT PRIZES

In Latin

FIRST PRIZE—Edmond Wood Billetdoux . . .	Class of 1899
SECOND PRIZE—Albert LeRoy Andrews . . .	“ “ “
HONORABLE MENTION—Edward Francis Taylor .	“ “ “

In Greek

FIRST PRIZE—Llewellyn Judson Howe . . .	Class of 1899
SECOND PRIZE—Albert LeRoy Andrews . . .	“ “ “
HONORABLE MENTION—Joel Hatheway . . .	“ “ “

In French

FIRST PRIZE—Elwin Lawrence Page . . .	Class of 1900
SECOND PRIZE—Charles Percy Parkhurst . . .	“ “ 1898

In German

FIRST PRIZE—Grosvenor Bouton Hill . . .	Class of 1897
SECOND PRIZE—Robert Fuller Denison . . .	“ “ “
HONORABLE MENTION—Roy Waldo Miner . . .	“ “ “

In Mathematics

FIRST PRIZE—Albert LeRoy Andrews . . .	Class of 1899
SECOND PRIZE—Henry Clarence Whitehead . .	“ “ “
HONORABLE MENTION—Edmond Wood Billetdoux .	“ “ “

In Natural History

FIRST PRIZE—Winterton Conway Curtis . . .	Class of 1897
SECOND PRIZE—Roy Waldo Miner . . .	“ “ “

In History

FIRST PRIZE—Gurdon Wright Gordon . . .	Class of 1897
SECOND PRIZE—Robert Fuller Denison . . .	“ “ “
HONORABLE MENTION—Alexander Davidson . .	“ “ “

WILLIAMS COLLEGE

PRIZE FOR PRIZES

Grosvenor Bouton Hill

GRAVES PRIZES

For Essays—Class of 1897

Dalton Hiram Blanchard

Damon Everett Hall

Treadwell Cleveland, Jr.

Maurice Ambrose Levy

Ray Connor

Herbert Peake

For Excellence of Delivery

Maurice Ambrose Levy

RHETORICAL PRIZES

General Prize

Harry Dwight Nims Class of 1898

Junior Prizes

FIRST PRIZE—Philip Marshall Brown Class of 1898

SECOND PRIZE—Rossiter Blake Towle " " "

Sophomore Prizes

FIRST PRIZE—Alonzo Edwin Branch Class of 1899

SECOND PRIZE—Theodore Merrell Shipherd " " "

TRUSTEES RHETORICAL PRIZES

For Excellence in Declamation

FIRST PRIZE—Fred Wilder Cross Class of 1900

SECOND PRIZE—Charles Denison Makepeace " " "

HONORABLE MENTION—John Athanasius Djerf " " "

DEWEY PRIZE

For Excellence in Commencement Exercises

Maurice Ambrose Levy Class of 1897

VAN VECHTEN PRIZE

For Extemporaneous Speaking

Damon Everett Hall Class of 1897

RICE PRIZES

In Latin

FIRST PRIZE—Grosvenor Bouton Hill	.	.	.	Class of 1897
SECOND PRIZE—John Kirke Williams	.	.	.	" " "

In Greek

FIRST PRIZE—Grosvenor Bouton Hill	.	.	.	Class of 1897
SECOND PRIZE—Charles Francis Pease	.	.	.	" " "
HONORABLE MENTION—Maurice Ambrose Levy	.	.	.	" " "

Book Prizes from the Rice Fund. Class of 1899

Lawrence Whitney Carr	Joel Hatheway
William Henderson Davidson	Edward Francis Taylor
Walter Eugene Foster	Henry Clarence Whitehead

THE HORACE F. CLARK PRIZE SCHOLARSHIP

Dalton Hiram Blanchard	.	.	.	.	.	Class of 1897
James Bissett Pratt	.	.	.	.	.	" " 1898
Edward Francis Taylor	.	.	.	.	.	" " 1899
*Charles Newman Hall	.	.	.	.	.	" " 1900

HONOR SCHOLARSHIPS

Thomson Scholar, Edmond Wood Billetdoux	.	.	Class of 1899
J. Ruthven Adriance Scholar, Edward Francis Taylor	.	.	" " "
Warren Scholar, Harry Hopkins Hubbell	.	.	" " 1898
Gilson Scholar, Albert LeRoy Andrews	.	.	" " 1899

* Prepared at the Boys' High School, Brooklyn, N. Y.

APPOINTMENTS FOR COMMENCEMENT

CLASS OF 1897

Valedictory

Grosvenor Bouton Hill

Salutatory

Dalton Hiram Blanchard

Philosophical Orations

Treadwell Cleveland, Jr.	Ray Connor
Robert Fuller Denison	

Orations

Winterton Conway Curtis	Charles Francis Pease
Lawrence Ashley Hawkins	Clarence Earle Rexford
Maurice Ambrose Levy	Gilbert Earle Treat

Dissertations

First Class

Richard Henry Chute, Jr.
Alexander Davidson
George Phillips Dike
Gurdon Wright Gordon
Roy Waldo Miner
Wallace Everett Richmond

Second Class

James McLaury Peake
Burritt Fitch Prudden
Edwin Nicholas Riggins
John Kirke Williams

DEGREES CONFERRED IN 1897

BACHELOR OF ARTS

George Walter Ashton
Almon Colburn Barrell
Cevendra D. Blake
Dalton Hiram Blanchard
William Baylies Bliss, Jr.
Richard Robertson Bradbury
Alonzo Farley Brewer
Howard Munson Briggs
William Robinson Brown
William Adams Burns
Robert Francis Cheney
Egerton Chichester
Richard Henry Chute, Jr.
Stephen Dutton Clarke
Henry Davenport Cleveland
Treadwell Cleveland, Jr.
Guy Leartus Connor
Ray Connor
Clifford Henry Coon
Francis Patrick Cullen
Winterton Conway Curtis
Alexander Davidson
Robert Fuller Denison
Francis Edward Dewey
George Phillips Dike
Hugh Paton Drysdale
Frank Lewis Duley
Howard Bertram Elliott
George William Gillette
Reid Gilmore
Clinton Burr Goodrich
Gurdon Wright Gordon
William Ellery Greene
Damon Everett Hall
Laurence Ashley Hawkins

George Brown Hedges
John Francis Heffernan
Grosvenor Bouton Hill
Jerome Odell Hoyt
Philip Lyman James
John Bradfute Knox
Edwin Waterman Lee
Maurice Ambrose Levy
Guy Alton McGowan
Frederic Lee Matthews
Roy Waldo Miner
John Francis Murray
Lynn Carlton Norris
George Tyler Northup
Herbert Peake
James McLaury Peake
Charles Francis Pease
Eugene Bennett Pierce
Herbert Lee Pratt
Burritt Fitch Prudden
Clarence Earle Rexford
Albert Adien Reynolds
Wallace Everett Richmond
Edwin Nicholas Riggins
Herbert Francis Roy
John Ryan
Moses Weld Terrill
Lyman Hinsdill Toombs
Gilbert Earle Treat
Charles Hemenway Upton
Edwin Midgley Walker
Fred Brown Whitney
Frank Marion Williams
John Kirke Williams
Charles Albert Wright

WILLIAMS COLLEGE

MASTER OF ARTS

Harry Baldwin Leonard

HONORARY DEGREES

DOCTOR OF LAWS

John Bascom

Sanford Ballard Dole

Roger Wolcott

MASTER OF ARTS

Winthrop Murray Crane

Michael Edward Driscoll

STUDENTS

CANDIDATES FOR THE DEGREE OF MASTER OF ARTS

Frederick Alonzo Alden, B.A., 1896, Troy, N. Y.
English, History

Winfred Howard Babbitt, B.A., 1895, Honolulu, H. I.
Latin, Political Science

Dalton Hiram Blanchard, B.A., 1897, Williamstown
Philosophy, Sociology

Walter Andrew Bratton, B.A., 1895, Walla Walla, Wash.
Mathematics, Astronomy

Robert Francis Cheney, B.A., 1897, Williamstown
Philosophy, English

John Potter Congdon, B.A., 1895, Williamstown
Physics, Mathematics

James Ray Craighead, B.A., 1895, Lansingburg, N. Y.
German

Winterton Conway Curtis, B.A., 1897, Williamstown
Biology, Geology

Grosvenor Bouton Hill, B.A., 1897, Williamstown
Greek, Latin

Gardner Cotrell Leonard, B.A., 1887, Albany, N. Y.
History, Sociology

Edward Morgan Lewis, B.A., 1896, Cambridge
English

George Morton Lightfoot, B.A., 1891, Washington, D. C.
Latin, German

Walter Horton Main, B.A., 1895, Troy, N. Y.
English, Philosophy

Frederick William Memmott, B.A., 1895, North Adams
English

Arthur Guy Merrill, B.A., 1894, Amsterdam, N. Y.
German, French

Roy Waldo Miner, B.A., 1897, New York City
Philosophy, Biology

Lewis Arthur Morrow, B.A., 1895, Williamstown
French

Howard Opdyke, B.A., 1893, Schenectady, N. Y.
Physics, Mechanics

Lewis Gould Rogers, B.A., 1883, Buffalo, N. Y.
History, German

Willard Dean Shannahan, B.A., 1896, Troy, N. Y.
History, Italian

Charles Lyman Warner, B.A., 1891, Baltimore, Md.
Greek, Latin

Karl Ephraim Weston, B.A., 1896, Tarrytown, N. Y.
Latin, French

Payson Sibley Wild, B.A., 1891, Manlius, N. Y.
German, Greek

Frank Marion Williams, B.A., 1897, Williamstown
Chemistry, Physics

GRADUATE STUDENTS, 24.

SENIOR CLASS

Cecil Frederick Bacon	Toledo, O.	Δ. K. E. House
James Frederick Bacon	Pittsfield	5 C. II.
Samuel Alexander Baillie	Troy, N. Y.	11 E. C.
Ernest Bamberger	Salt Lake City, Utah	X. ♀. Lodge
George Barber Barrell	Albion, N. Y.	Z. ♀. House

John Martin Bieler	<i>Boston</i>	4 W. C.
Samuel Wells Bowerman	<i>Pittsfield</i>	Σ. Φ. Place
John Ransom Bragdon	<i>Auburndale</i>	Δ. K. E. House
Philip Marshall Brown	<i>Woburn</i>	K. A. Lodge
James Thomas Buckley	<i>North Adams</i>	16 S. C.
Cornelius Murtoth Callahan	<i>Norwood</i>	11 W. C.
Gavin Archibald Campbell	<i>Stevens Point, Wis.</i>	Δ. Υ. House
Walter Albert Carr	<i>Concord</i>	4 W. C.
Clinton Churchill Clarke, Jr.	<i>Chicago, Ill.</i>	Δ. Υ. House
Albert Roscoe Tenney Davis	<i>Fall River</i>	5 E. C.
Charles Henry Davis	<i>Ware</i>	Θ. Δ. X. House
George Edward Denman	<i>Auburn, N. Y.</i>	8 K. H.
William Howard Doughty, Jr.	<i>Troy, N. Y.</i>	K. A. House
Ralph Walton Dunbar	<i>Brookline</i>	Θ. Δ. X. House
Herman White Fifer	<i>Bloomington, Ill.</i>	Φ. Δ. Θ. House
Charles William Floyd	<i>Memphis, Tenn.</i>	Δ. K. E. House
Claude Augustine Frink	<i>North Adams</i>	5 E. C.
Charles William Gamwell	<i>Pittsfield</i>	5 C. H.
Mathew Addison Graff	<i>Shields, Pa.</i>	Φ. Δ. Θ. House
Elwin Arthur Graves	<i>Wilmington, Vt.</i>	11 E. C.
Allen Hamilton, 2d	<i>Fort Wayne, Ind.</i>	Prof. Lefavour's
Clifford Campbell Haskins	<i>North Adams</i>	10 E. C.
Lawrence Riggs Howard	<i>Glencoe, Ill.</i>	28 W. C.
Harry Hopkins Hubbell	<i>Buffalo, N. Y.</i>	3 K. H.
Elmore Edward Hutchinson	<i>Pearl Creek, N. Y.</i>	5 W. C.
George Peck Ide, Jr.	<i>Troy, N. Y.</i>	Δ. Ψ. Lodge
John Henry Lotz	<i>Kinsman, O.</i>	20 W. C.
Joseph William McConnell	<i>Fitchburg</i>	10 E. C.
William Dolphin McGuire, Jr.	<i>Rochester, N. Y.</i>	4 K. H.
Roy Herbert Macumber	<i>Manchester, N. Y.</i>	5 W. C.
Olney Blanchard Mairs	<i>Brooklyn, N. Y.</i>	Δ. K. E. House
Edward James Maroney	<i>Springfield</i>	12 E. C.
William Henry Matthews	<i>Huntington</i>	20 W. C.
Albert Rowcliffe Moffit	<i>Princeville, Ill.</i>	12 K. H.
Fred Beebe Newman	<i>Plainfield, N. J.</i>	Z. Ψ. House
Harry Dwight Nims	<i>Concord, N. H.</i>	Z. Ψ. House

Guy Hinchman Noble	<i>Morristown, N. J.</i>	Δ. Ψ. Lodge
Charles Percy Parkhurst	<i>St. Paul, Minn.</i>	3 W. C.
Lewis Perry	<i>Williamstown</i>	Dr. Perry's
James Bissett Pratt	<i>Elmira, N. Y.</i>	8 M. H.
William Thomas Quinn	<i>Williamstown</i>	Mrs. Quinn's
George Payson Rowell	<i>Franklin, N. Y.</i>	Chapel
Frederick Winslow Rust	<i>Kansas City, Mo.</i>	Δ. K. E. House
George Gilmore Scott	<i>Geneseo, N. Y.</i>	12 K. H.
John Henry Thorpe	<i>Cohoes, N. Y.</i>	8 S. C.
Henry Woodruff Titus	<i>Auburn, N. Y.</i>	K. A. Lodge
Rossiter Blake Towle	<i>Omaha, Neb.</i>	Σ. Φ. Place
Percival Henry Truman	<i>Chicago, Ill.</i>	3 W. C.
Arthur Clements Twitchell	<i>Portland, Me.</i>	K. A. Lodge
William Francis Walsh	<i>Hancock</i>	11 W. C.
Paul Harrison Waterman	<i>Westfield</i>	Φ. Δ. Θ. House
Frederic Taylor Wood	<i>Newton Centre</i>	7 K. H.
Ray Palmer Woodin	<i>Great Barrington</i>	8 K. H.
SENIORS, 58		

JUNIOR CLASS

Albert LeRoy Andrews	<i>Williamstown</i>	6 W. C.
George Hanford Ansley	<i>Salamanca, N. Y.</i>	Mrs. Whelan's
Fred Reuel Baker	<i>Bloomington, Ill.</i>	Φ. Δ. Θ. House
John Barker	<i>Pittsfield</i>	Δ. K. E. House
William Henry Beattie	<i>Cohoes, N. Y.</i>	Θ. Δ. X. House
Hawley Newton Bidwell	<i>Medina, N. Y.</i>	4 K. H.
Edmond Wood Billetdoux	<i>North Adams</i>	10 S. C.
Paul Bogart	<i>Clinton, Ind.</i>	Mr. Towne's
Edward Rice Bolton	<i>Geneseo, N. Y.</i>	Δ. Υ. House
Alonzo Edwin Branch	<i>Malden</i>	6 K. H.
Edwin Morgan Brookfield	<i>New York City</i>	Δ. Ψ. Lodge
Fred LeRoy Brown	<i>Lansingburgh, N. Y.</i>	8 E. C.
Samuel Brown	<i>Greenwich, N. Y.</i>	Chemical Laboratory
Frank John Bruno	<i>Newark, N. J.</i>	3 S. C.
Guy Toland Butler	<i>London, O.</i>	Mr. Simonds's
Lawrence Whitney Carr	<i>Ashby</i>	8 W. C.

Ralph Starkweather Chandler	<i>Macomb, Ill.</i>	Θ. Δ. X. House
Onslow Wilberforce Comstock	<i>Charlestown</i>	The Hermitage
Horace Cottrell	<i>Hoosick Falls, N. Y.</i>	6 C. H.
William Henderson Davidson	<i>Cohoes, N. Y.</i>	1 W. C.
Edward Crosby Doughty	<i>Troy, N. Y.</i>	K. A. House
George Centennial Douglass	<i>Granville, N. Y.</i>	1 W. C.
Leo Kimball Eaton	<i>Oshkosh, Wis.</i>	Δ. K. E. House
Alexander Diven Falck	<i>Elmira, N. Y.</i>	8 M. H.
Daniel Fitts, Jr.	<i>Haverhill</i>	Φ. Δ. Θ. House
Walter Eugene Foster	<i>Langdon, N. H.</i>	8 E. C.
Robbins Gilman	<i>Yonkers, N. Y.</i>	K. A. Lodge
Thomas Pim Goodbody	<i>Haledon, N. J.</i>	X. Ψ. Lodge
Grosvenor Grannis	<i>Sing Sing, N. Y.</i>	Σ. Φ. Place
Joseph Ambrose Hall	<i>Brookline</i>	A. Δ. Φ. House
Joel Hatheway	<i>Peru</i>	30 W. C.
Rufus Percival Hibbard	<i>Gloucester</i>	11 S. C.
James Mandly Hills	<i>Brooklyn, N. Y.</i>	5 M. H.
Llewellyn Judson Howe	<i>Troy, N. Y.</i>	16 E. C.
John Gale Hun	<i>Albany, N. Y.</i>	K. A. Lodge
Stewart William Irwin	<i>West Hebron, N. Y.</i>	30 W. C.
Romeyn Buckbee Jansen	<i>Fonda, N. Y.</i>	5 M. H.
Leland Potter Jenks	<i>Williamstown</i>	6 W. C.
Harold Eddy Johnston	<i>Cohoes, N. Y.</i>	A. Δ. Φ. House
Frederick Mensch Joiner	<i>Belvidere, N. J.</i>	21 E. C.
Sydney Tucker Jones	<i>Albany, N. Y.</i>	K. A. Lodge
John Russell Keeler	<i>Canton, N. Y.</i>	Z. Ψ. House
Walter Charles Kellogg	<i>Pittsfield</i>	Θ. Δ. X. House
Herbert Henry Lehman	<i>New York City</i>	32 M. H.
Orland White Mason	<i>Winchendon</i>	8 W. C.
Edward Abner May	<i>Lee</i>	21 E. C.
Henry Edwin Moffett	<i>Cleveland, O.</i>	Φ. Δ. Θ. House
Fancher Nicoll	<i>New York City</i>	Z. Ψ. House
John Saunders Oakman	<i>Pittsfield</i>	26 M. H.
Herbert Lozene Packard	<i>West Cummington</i>	2 S. C.
Horace Dwight Patterson	<i>New York City</i>	X. Ψ. Lodge
Frederick Rawcliffe	<i>Taunton</i>	11 S. C.

Paul Marshall Rea	<i>Exeter, N. H.</i>	14 E. C.
James Thomas Reardon	<i>Holyoke</i>	Mr. Smith's
Albert Ambrose Richards	<i>West Winsted, Conn.</i>	16 E. C.
Elmore Preston Ross	<i>Springfield, O.</i>	Σ. Φ. Place
William Wickes Rossiter, Jr.	<i>Brooklyn, N. Y.</i>	Δ. Ψ. Lodge
Harry Haynes Rowland	<i>Geneseo, N. Y.</i>	Θ. Δ. X. House
Jaques Cortelyou Rushmore	<i>Brooklyn, N. Y.</i>	Δ. Ψ. Lodge
William McMurtrie Rutter	<i>Chicago, Ill.</i>	Σ. Φ. Place
Walter Leslie Sargent	<i>Quincy</i>	17 E. C.
George Demarest Sears	<i>Buffalo, N. Y.</i>	Z. Ψ. House
Norman Burt Sherry	<i>Troy, N. Y.</i>	A. Δ. Φ. House
Theodore Merrell Shipherd	<i>Southold, N. Y.</i>	17 E. C.
Harold Thomson Sloper	<i>New Britain, Conn.</i>	1 M. H.
Deane Culver Smith	<i>New York City</i>	22 W. C.
Dana Levi Spring	<i>Franklinville, N. Y.</i>	Prof. Spring's
John Hunter Stearns	<i>Chicago, Ill.</i>	Σ. Φ. Place
Edward Francis Taylor	<i>Brooklyn, N. Y.</i>	12 E. C.
Henry Church Taylor	<i>Westfield</i>	Θ. Δ. X. House
Edward Richmond Tinker, Jr.	<i>Boston</i>	4 M. H.
Edwin Kellogg Trowbridge	<i>New York City</i>	4 M. H.
Harvey Judson Vary	<i>Skaneateles, N. Y.</i>	Φ. Δ. Θ. House
Adelbert Seymour Watson	<i>Cohoes, N. Y.</i>	10 S. C.
Charles Thomas Whelan	<i>Auburn, N. Y.</i>	Mrs. Whelan's
Marcus Wilbur White	<i>Williamstown</i>	Mr. White's
Edwin Haight Whitehead	<i>Passaic, N. J.</i>	7 W. C.
Henry Clarence Whitehead	<i>Passaic, N. J.</i>	7 W. C.
Arthur Lawrence Whitely	<i>Evanston, Ill.</i>	Δ. Υ. House
Edward Lyman Wilder	<i>Hoosick Falls, N. Y.</i>	3 S. C.
Irving Depew Wildey	<i>Albany, N. Y.</i>	9 S. C.
Ralph Lilly Wood	<i>Lansingburgh, N. Y.</i>	9 W. C.

JUNIORS, 82

SOPHOMORE CLASS

William Chapman Abbott	<i>Stamford, Vt.</i>	17 S. C.
Henry Mott Allen	<i>Auburn, N. Y.</i>	20 M. H.
Edward Michael Anderson	<i>Auburn, N. Y.</i>	13 E. C.

James Joseph Anderson	<i>Auburn, N. Y.</i>	13 E. C.
Charles Hume Baldwin, Jr.	<i>Amsterdam, N. Y.</i>	A. Δ. Φ. House
Harold Albertus Bates	<i>Homer, N. Y.</i>	Mrs. Whelan's
Michael Francis Black	<i>Williamstown</i>	Mr. Neyland's
Robert Clifford Black, Jr.	<i>Pelham Manor, N. Y.</i>	A. Δ. Φ. House
James Wilson Boyd	<i>Danbury, Conn.</i>	11 K. H.
John Bray	<i>Middleport, N. Y.</i>	26 W. C.
Sidney Gray Bristol	<i>Battle Creek, Mich.</i>	4 E. C.
Alfred Dudley Britton	<i>Brooklyn, N. Y.</i>	Z. Ψ. House
Harrison Morgan Brown	<i>Winchester, Va.</i>	17 W. C.
George Parker Campbell	<i>Rutland</i>	3 E. C.
George Montgomery Chadwell	<i>Williamstown</i>	17 W. C.
Richard Brewster Chapman	<i>Ogdensburg, N. Y.</i>	13 C. H.
Marion Green Cole	<i>Hoosick Falls, N. Y.</i>	19 E. C.
Roswell Doty Cooper	<i>Little Falls, N. Y.</i>	7 M. H.
James Boyd Coxe	<i>Toledo, O.</i>	Mrs. Saunders's
Fred Wilder Cross	<i>South Royalston</i>	3 E. C.
Francis Jenkins Danforth	<i>New York City</i>	34 M. H.
Ralph Emerson Danforth	<i>Cincinnati, O.</i>	22 W. C.
John Asa De Camp	<i>Tuscarora, N. Y.</i>	10 K. H.
Harlan Ingalls Dennett	<i>North Adams</i>	25 W. C.
Giles Hotchkiss Dickinson	<i>Binghamton, N. Y.</i>	Mr. Towne's
Hobert Cutler Dickinson	<i>Whately</i>	17 S. C.
John Athanasius Djerf	<i>New York City</i>	2 E. C.
Willard Foster Doolittle	<i>Brockport, N. Y.</i>	10 K. H.
Louis LeGrand Draper	<i>Lansingburgh, N. Y.</i>	34 M. H.
Philip Richards Dunbar	<i>Brookline</i>	11 K. H.
Franklin Boyd Edwards	<i>Lisle, N. Y.</i>	Z. Ψ. House
Wallace Strong Farnham	<i>South Windsor, Conn.</i>	35 M. H.
William James Ferguson	<i>Princeville, Ill.</i>	10 W. C.
Wilbur Byron Fryer	<i>Middle Falls, N. Y.</i>	24 E. C.
Tyler Eddy Gale	<i>Worcester</i>	22 E. C.
Russell Cabot Gibbs	<i>Newtonville</i>	22 E. C.
Charles Newman Hall	<i>Brooklyn, N. Y.</i>	24 W. C.
Daniel Crosby Hammatt	<i>Topeka, Kan.</i>	37 M. H.
Harry Pierson Hammond	<i>Brooklyn, N. Y.</i>	24 W. C.

Arthur Foster Hebard	<i>Brooklyn, N. Y.</i>	Z. Ψ. House
Charles Fisher Hepburn	<i>New York City</i>	9 M. H.
Clarence West Hodges	<i>Randolph, Vt.</i>	10 W. C.
Albert Hopkins	<i>Kansas City, Mo.</i>	14 C. H.
Wolcott Julius Humphrey	<i>Warsaw, N. Y.</i>	7 M. H.
George Herbert Huntington	<i>Milton</i>	20 E. C.
Austin Dickinson Jenkins	<i>Portland, Me.</i>	A. Δ. Φ. House
Jacob Klemann, Jr.	<i>New York City</i>	32 W. C.
Dwight Ralston Little	<i>Sheffield</i>	23 E. C.
Kenneth Lord	<i>Brooklyn, N. Y.</i>	Σ. Φ. Place
Charles Denison Makepeace	<i>West Barnstable</i>	9 M. H.
Herbert Rowe Mather	<i>Brooklyn, N. Y.</i>	12 M. H.
George Power Merrett	<i>London, Eng.</i>	Mrs. Pratt's
Samuel Lewis Motter	<i>Adamstown, Md.</i>	26 W. C.
Kenneth Mygatt	<i>New York City</i>	14 C. H.
Elwin Lawrence Page	<i>Concord, N. H.</i>	14 E. C.
Arthur Coxe Patterson	<i>New York City</i>	29 M. H.
Laurence Worthington Pierce	<i>Boston</i>	9 C. H.
William Caldwell Plunkett	<i>Adams</i>	35 M. H.
Charles Newton Prouty, Jr.	<i>Spencer</i>	K. A. Lodge
William Beaumont Putney, Jr.	<i>New York City</i>	23 M. H.
George Holmes Read	<i>Fall River</i>	3 K. H.
James Barbour Richardson	<i>New York City</i>	4 E. C.
William Howard Richardson	<i>Glendale, O.</i>	30 M. H.
Everett Edwin Risley	<i>Utica, N. Y.</i>	X. Ψ. Lodge
Lewis Roberts	<i>Yonkers, N. Y.</i>	28 M. H.
Mark Homer Rogers	<i>Allston</i>	9 C. H.
Raymond John Ruliffson	<i>Rochester, N. Y.</i>	Δ. Υ. House
Allen Howard Russell	<i>Williamstown</i>	Mr. Russell's
Pierce Hubbard Russell	<i>Troy, N. Y.</i>	9 W. C.
Rhea Barton Rutter	<i>Chicago, Ill.</i>	Σ. Φ. Place
Truman Laurance Saunders	<i>Williamstown</i>	Mrs. Saunders's
Charles Hill Seaver	<i>Wyoming, N. Y.</i>	20 E. C.
Robert Chauncey Seaver	<i>Brookline</i>	31 M. H.
Boudinot Seeley, Jr.	<i>Portland, Ore.</i>	13 W. C.
Fred Barnett Shoaff	<i>Fort Wayne, Ind.</i>	36 M. H.

Lawrence Henry Smith	<i>Le Roy, N. Y.</i>	21 M. H.
Dering Jay Sprague	<i>Salem, N. Y.</i>	5 K. H.
Charles Anthony Squires	<i>Plainville, N. J.</i>	18 M. H.
Fred Squires	<i>Plainville, N. J.</i>	18 M. H.
Chester Dewey Stiles	<i>Westfield</i>	23 E. C.
Charles Clark Stillman	<i>Troy, N. Y.</i>	2 E. C.
Charles Nowell Stoddard	<i>Greenfield</i>	33 M. H.
Elijah Kent Swift	<i>Eau Claire, Wis.</i>	Z. Y. House
James Owen Tryon	<i>Athens, N. Y.</i>	28 M. H.
Wilbur Ward	<i>Bloomfield, N. J.</i>	Δ. Y. House
William Richard Warren	<i>Key West, Fla.</i>	25 W. C.
Sydney Hall Wentworth	<i>Spokane, Wash.</i>	13 K. H.
John Taylor Williams	<i>Frankfort, Ky.</i>	17 W. C.
Richard Ferdinand Williams	<i>New York City</i>	Mrs. Wardwell's
William Rensselaer Williams	<i>Peacham, Vt.</i>	2 E. C.
John P. Wilson, Jr.	<i>Chicago, Ill.</i>	29 M. H.
Edgar Hunt Woodward	<i>Morristown, N. J.</i>	Mr. Hopkins's

SOPHOMORES, 92

FRESHMAN CLASS

Dana Tarbell Ackerly	<i>Olean, N. Y.</i>	Mrs. Whelan's
Alfred Churchill Baker	<i>Schaghticoke, N. Y.</i>	7 E. C.
Ralph Wade Barnes	<i>Curtisville</i>	15 E. C.
Albert Van Voast Bensen, Jr.	<i>Albany, N. Y.</i>	Mr. Sanford's
Quincy Bent	<i>Overbrook, Pa.</i>	Mr. Gavitt's
Howard Francis Bidwell	<i>South Manchester, Conn.</i>	1 K. H.
John Mathews Birnie	<i>Springfield</i>	24 M. H.
Clifford Ellis Bixby	<i>West Groton</i>	27 W. C.
Richard Porter Bloom	<i>Auburn, N. Y.</i>	23 W. C.
Edward Thomas Broadhurst	<i>Springfield</i>	16 M. H.
Henry Dwight Brooks	<i>Westfield</i>	14 M. H.
Harold Chapman Brown	<i>Springfield</i>	16 M. H.
Dunbar Chaplin Brush	<i>Morristown, N. J.</i>	Mrs. Dodd's
Frederic Max Butler	<i>London, O.</i>	Mr. Simonds's
James Edwin Carhart	<i>New Baltimore, N. Y.</i>	Mrs. Dodd's
Sylvester Fay Carr	<i>Pavilion, N. Y.</i>	21 M. H.

Paul DeWitt Caskey	<i>Cleveland, O.</i>	10 C. H.
George Vilasco Chandler	<i>Macomb, Ill.</i>	23 M. H.
Myron Nathaniel Clark	<i>Salisbury, Conn.</i>	21 W. C.
Frank Herbert Clarke	<i>Topsfield</i>	23 W. C.
John Augustus Cleveland	<i>Pittsford, N. Y.</i>	5 S. C.
Will Stanley Cookson	<i>Huddersfield, Eng.</i>	6 E. C.
George Evans Cullinan	<i>Geneseo, N. Y.</i>	16 W. C.
Albert Milton Curtiss	<i>Cleveland, O.</i>	10 C. H.
Norman Brown Dale	<i>Williamstown</i>	Mr. Dale's
Charles Milton Davenport	<i>Leyden</i>	14 M. H.
Guy Russell Dennett	<i>North Adams</i>	Mr. Prindle's
Marion Francis Dolph	<i>Portland, Ore.</i>	15 W. C.
Earl Franklin Drake	<i>Chicago, Ill.</i>	11 M. H.
George Earl Edmunds	<i>Holley, N. Y.</i>	6 S. C.
Edward Stuart Goldthwait	<i>Springfield</i>	24 M. H.
Arthur Lawson Goodwillie	<i>Wausau, Wis.</i>	6 M. H.
Stanley Fisher Gutelius	<i>Moscow, N. Y.</i>	12 W. C.
Orville Reed Hagen	<i>Lansingburgh, N. Y.</i>	7 E. C.
Frederick Parker Hart	<i>Detroit, Mich.</i>	11 M. H.
Burt Andrew Hayner	<i>Middleport, N. Y.</i>	6 S. C.
Whiteside Hill, 2d	<i>Greenwich, N. Y.</i>	24 E. C.
Bayard Bristol Holmes	<i>Chicago, Ill.</i>	6 C. H.
George Leland Horton	<i>Troy, N. Y.</i>	Mrs. Dodd's
Archibald Lawrence Hoyne	<i>Chicago, Ill.</i>	Mr. Adams's
Charles Frederick Hunter	<i>Mellenville, N. Y.</i>	14 S. C.
Charles Salem Hyde	<i>Syracuse, N. Y.</i>	13 M. H.
John Clarkson Jay, Jr.	<i>New York City</i>	2 M. H.
Edward Knight Judd	<i>Jacksonville, Fla.</i>	Mr. Wheeler's
William MacNair Kittredge	<i>Geneseo, N. Y.</i>	12 W. C.
Paul Revere Knight	<i>West Newton</i>	9 K. H.
William Kingsbury Lane	<i>Norwich, Conn.</i>	15 W. C.
Francis Owen Lathrop	<i>Fall River</i>	3 M. H.
Paul Leggett	<i>Nyack, N. Y.</i>	14 S. C.
Harlow Solomon George Loveless	<i>Wolcott, N. Y.</i>	21 W. C.
Stanley Lydecker	<i>Upper Red Hook, N. Y.</i>	13 S. C.
Alexander Main	<i>Lawrence</i>	9 K. H.

Giles Loverige Marsh, Jr.	<i>Sacket Harbor, N. Y.</i>	5 S. C.
Sumner Redway Mason	<i>Groton</i>	27 W. C.
Harry Warren Mead	<i>Auburn, N. Y.</i>	20 M. H.
Anthony Martin Menkel	<i>New York City</i>	32 W. C.
William King Miller	<i>Philadelphia, Pa.</i>	15 M. H.
Charles Wilson Mills	<i>Pittsfield</i>	29 W. C.
Howard Dwight Miner	<i>North Adams</i>	6 E. C.
Robert Jacob Mishler	<i>Ravenna, O.</i>	38 M. H.
Burnett Orion Moseley	<i>West Hoosick, N. Y.</i>	19 E. C.
Fred Leslie Newton	<i>Cazenovia, N. Y.</i>	19 W. C.
Charles French Osborn	<i>Fall River</i>	Mr. Towne's
Nelson Loring Osborn	<i>Hartford, Conn.</i>	1 K. H.
Gregory Palmer	<i>Albany, N. Y.</i>	Mr. Sanford's
Charles Francis Park, Jr.	<i>Englewood, N. J.</i>	37 M. H.
Norman Peck	<i>Indianapolis, Ind.</i>	Mrs. Sutherland's
Paul Potter	<i>Worcester</i>	5 K. H.
William Henry Quirk	<i>Geneseo, N. Y.</i>	16 W. C.
James Aloysius Ranger	<i>Holyoke</i>	Mr. N. F. Smith's
William Rooney	<i>Ballston, N. Y.</i>	13 K. H.
Joseph Meeker Ross	<i>Dover, N. J.</i>	Mrs. Dodd's
Prentiss deVeuve Ross	<i>Dover, N. J.</i>	Mrs. Dodd's
William Peter Schell	<i>Harrisburg, Pa.</i>	K. A. House
Carrol Carpenter Seeley	<i>Portland, Ore.</i>	13 W. C.
Fielding Simmons	<i>Cleveland, O.</i>	K. A. House
Wellington Bullard Smith	<i>Lee</i>	22 M. H.
John Winthrop Spooner, Jr.	<i>Hingham</i>	13 S. C.
Frederick William Spring	<i>Franklinville, N. Y.</i>	Mrs. Whelan's
Lewis Squires	<i>Plainfield, N. J.</i>	18 M. H.
Lawrence Edmunds Straw	<i>Carey, O.</i>	Mrs. Sutherland's
Ernest Salisbury Suffren	<i>Plainfield, N. J.</i>	15 E. C.
William Henry Timbie	<i>Pittsfield</i>	29 W. C.
William Burton Tuttle	<i>Syracuse, N. Y.</i>	13 M. H.
John Phineas Upham	<i>St. Paul, Minn.</i>	Σ. Φ. Place
Guilford Morgan Wakelin	<i>Philadelphia, Pa.</i>	17 C. H.
James Knight Wardwell	<i>Williamstown</i>	Mrs. Wardwell's
Stanley Washburn	<i>Minneapolis, Minn.</i>	26 M. H.

Walter Jones Whipple	<i>Springfield</i>	17 M. H.
Frederick Pfeil Wolf	<i>Troy, N. Y.</i>	19 W. C.
Sidney Beardsley Wood	<i>Bridgeport, Conn.</i>	Mrs. Wardwell's
John Shourt Woodward	<i>Morristown, N. J.</i>	Mr. Hopkins's
		FRESHMEN, 92

SPECIAL STUDENTS

Roy Clement Burr	<i>Worthington</i>	28 W. C.
Homer Andrew Bushnell	<i>North Adams</i>	Mrs Kemp's
Ralph Emerson Chapin	<i>Fort Wayne, Ind.</i>	Δ. K. E. House
Henry Rutgers Conger	<i>New York City</i>	Σ. Φ. Place
William Rowe Conklin	<i>New York City</i>	33 M. H.
James Brewer Corcoran	<i>Springfield</i>	2 M. H.
David Davis	<i>Bloomington, Ill.</i>	Δ. K. E. House
Alexander Henderson	<i>Brookline</i>	Δ. Ψ. Lodge
Stanley Mather Howe	<i>Chestnut Hill</i>	Mrs. Cole's
William George Kanter	<i>Detroit, Mich.</i>	17 M. H.
Henry Bennett Leary	<i>Penn Yan, N. Y.</i>	X. Ψ. Lodge
Albert Warren Nason	<i>Springfield</i>	25 M. H.
Albert Ransom Parker	<i>Ogdensburg, N. Y.</i>	13 C. H.
Edward Calvin Patterson	<i>Brooklyn, N. Y.</i>	Mr. Sanford's
Harry Lee Powers	<i>Cleveland, O.</i>	Mr. Noyes's
Richard Ashley Rice	<i>Williamstown</i>	Prof. Rice's

SPECIAL STUDENTS, 16.

PARTIAL COURSE STUDENTS

Dudley Butler	<i>Madison, N. J.</i>	Mrs. Sutherland's
Robert Parsons Doud	<i>Fort Dodge, Ia.</i>	Mrs. Sutherland's
Philip Bunting Fitzpatrick	<i>Troy, N. Y.</i>	Mrs. Wardwell's
Samuel Caldwell Forsaith	<i>Manchester, N. H.</i>	Mrs. Wardwell's
Arthur Ketchum	<i>New York City</i>	Prof. Lefavour's
Emory Taylor Lyon	<i>Buffalo, N. Y.</i>	Mr. Gavitt's
Allyn Ricker Marsh	<i>Springfield</i>	25 M. H.
Hiram Arthur Martin	<i>Cheshire</i>	Mr. Prindle's
Frank Rockwell Marvin	<i>Akron, O.</i>	38 M. H.

Edward Erle Moody	<i>Lockport, N. Y.</i>	22 M. H.
Thomas Harold Morrison	<i>Smethport, Pa.</i>	30 M. H.
Harry Lockwood Ransom	<i>Lockport, N. Y.</i>	6 M. H.
Edward Rufus Sibley	<i>Rochester, N. Y.</i>	12 M. H.
Earl Daniel Sprague	<i>Bridgeport, Conn.</i>	18 C. H.
Oscar Dickinson Street	<i>Lee</i>	1 E. C.
John Tuttle Swift	<i>Fall River</i>	3 M. H.
Isaac Henry Vrooman, Jr.	<i>Albany, N. Y.</i>	32 M. H.
Reginald Grant White	<i>Cooperstown, N. Y.</i>	Mr. Prindle's
J. Randall Williams, Jr.	<i>Haverford, Pa.</i>	31 M. H.

PARTIAL COURSE, 19.

SUMMARY

GRADUATE STUDENTS	.	.	.	.	.	.	24
SENIORS	.	.	.	.	.	.	58
JUNIORS	.	.	.	.	.	.	82
SOPHOMORES	.	.	.	.	.	.	92
FRESHMEN	.	.	.	.	.	.	92
SPECIAL STUDENTS	.	.	.	.	.	.	16
PARTIAL COURSE	.	.	.	.	.	.	19
							<hr/>
TOTAL	.	.	.	.	.	.	383

SUMMARY BY STATES

NEW YORK	.	.	.	.	.	154
MASSACHUSETTS	.	.	.	.	.	111
NEW JERSEY	.	.	.	.	.	19
ILLINOIS	.	.	.	.	.	18
OHIO	.	.	.	.	.	16
CONNECTICUT	.	.	.	.	.	10
PENNSYLVANIA	.	.	.	.	.	7
INDIANA	.	.	.	.	.	5
NEW HAMPSHIRE	.	.	.	.	.	5
VERMONT	.	.	.	.	.	4
WISCONSIN	.	.	.	.	.	4
MICHIGAN	.	.	.	.	.	3

MINNESOTA	.	.	.	.	.	.	3
OREGON	.	.	.	.	.	.	3
FLORIDA	.	.	.	.	.	.	2
MAINE	.	.	.	.	.	.	2
MARYLAND	.	.	.	.	.	.	2
MISSOURI	.	.	.	.	.	.	2
WASHINGTON	.	.	.	.	.	.	2
DISTRICT OF COLUMBIA	.	.	.	.	.	.	1
IOWA	.	.	.	.	.	.	1
KANSAS	.	.	.	.	.	.	1
KENTUCKY	.	.	.	.	.	.	1
NEBRASKA	.	.	.	.	.	.	1
TENNESSEE	.	.	.	.	.	.	1
UTAH	.	.	.	.	.	.	1
VIRGINIA	.	.	.	.	.	.	1
ENGLAND	.	.	.	.	.	.	2
HAWAIIAN ISLANDS	.	.	.	.	.	.	1
							<hr/>
TOTAL	.	.	.	.	.	.	383
WHOLE NUMBER OF GRADUATES	.	.	.	.	.	.	3,633

CATALOGUE
OF
WILLIAMS COLLEGE

1898-99

WILLIAMSTOWN, MASS.
PUBLISHED BY THE COLLEGE
1898

1899

	JUNE	MAY	APR.	MAR.	FEB.	JAN.	SUN.	MON.	TUES.	WED.	THURS.	FRI.	SAT.
	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 . .	. . 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 . . . . .	. . . . . 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 . .	. . . . . 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 . . . . .	. . . . . 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31						
	DEC.	NOV.	OCT.	SEPT.	AUG.	JULY							

CALENDAR

1898.

June 22.—COMMENCEMENT Wednesday

Summer Vacation of Thirteen Weeks

Sept. 20-21.—Examinations for Admission, Tuesday and Wednesday

Sept. 22.—Beginning of College Year Thursday

Oct. 13.—Mountain Day, a holiday Thursday

Oct. 15.—Last day for registering for the Master's Degree, Saturday

Oct. 21.—Meeting of the Board of Trustees Friday

Nov. 24.—Thanksgiving Day, a holiday Thursday

Dec. 21.—Christmas Recess begins Wednesday noon

1899.

Jan. 11.—Christmas Recess ends Wednesday

Jan. 28.—Recitations end Saturday

Jan. 30.—Semi-Annual Examinations begin Monday

Feb. 8.—First Half-Year ends Wednesday

Feb. 9.—Second Half-Year begins Thursday

Mar. 29.—Easter Recess begins Wednesday noon

April 5.—Easter Recess ends Wednesday

May 11.—Meeting of the Board of Trustees Thursday

June 6.—Recitations end Tuesday

June 7-16.—Semi-Annual Examinations Wednesday to Friday

June 17.—Graves Prize Speaking Saturday evening

June 18.—Baccalaureate Sermon Sunday forenoon

June 18.—Mission Park Meeting Sunday afternoon

June 18.—Address before the Mills Y. M. C. A. Sunday evening

June 19.—Meeting of the Board of Trustees Monday

June 19-20.—Examinations for Admission, Monday and Tuesday

June 20.—Alumni Meeting Tuesday forenoon

June 20.—Class Day Tuesday afternoon

June 20.—Prize Rhetorical Exhibition Tuesday evening

June 21.—COMMENCEMENT Wednesday

Summer Vacation of Thirteen Weeks

Sept. 19-20.—Examinations for Admission, Tuesday and Wednesday

Sept. 21.—Beginning of College Year Thursday

Oct. 16.—Last day for registering for the Master's Degree, Monday

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PRESIDENTS

REV. EBENEZER FITCH, D.D., 1793-1815

REV. ZEPHANIAH SWIFT MOORE, D.D., 1815-1821

REV. EDWARD DORR GRIFFIN, D.D., 1821-1836

REV. MARK HOPKINS, D.D., LL.D., 1836-1872

HON. PAUL ANSEL CHADBOURNE, D.D., LL.D., 1872-1881

FRANKLIN CARTER, PH.D., LL.D., 1881-

TRUSTEES

FRANKLIN CARTER, PH.D., LL.D.,

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Director of the Gymnasium

WILLIAMS COLLEGE

The college owes its origin to an educational bequest of Colonel Ephraim Williams for the purpose of establishing "a Free School" in Williamstown. The charter of this school, which was granted March 8, 1785, reads as follows :

AN ACT for directing the use and appropriation of a charitable donation, made in a certain clause in the last will and testament of Ephraim Williams, Esq., for the support and maintenance of a Free School in Williamstown, in the County of Berkshire ; and for incorporating certain persons as trustees, in order more effectually to execute the intention of the testator, expressed in the same.

WHEREAS, Israel Williams, Esq., and John Worthington, Esq., executors of the last will and testament of Ephraim Williams, Esq., deceased, have represented to this court that the said Ephraim Williams, on the twenty-second day of July, Anno Domini one thousand seven hundred and fifty-five, made his last will and testament, in which, after divers bequests, devises, and dispositions, is contained the following clause, viz :

Item : " It is my will, desire, and pleasure that the remaining part of the lands, not yet disposed of, shall be sold at the discretion of my executors, within five years after an established peace ; and the interest of the money and also the interest arising from my bonds and notes shall be appropriated towards the support and maintenance of a Free School, in a township west of Fort Massachusetts, commonly called the West Township, forever ; provided, the said township shall fall within the jurisdiction of the province of Massachusetts Bay ; and provided, also, the Governor and General Court give the same township the name of Williamstown ; and it is further my will and desire, that if there should remain any monies of the said above donation for the school, it be given towards the support of a school in the East Township, where the fort now stands ; but in case the above provisos are not complied with, then it is my last will and choice that the interest of the above-mentioned monies be appropriated to some pious and charitable uses, in manner and form as above directed in the former part of my last will and testament."

And, whereas the said executors have further represented, that it may be a matter of doubt and uncertainty whether the township mentioned in the above recited clause (which is now incorporated by the name of Williamstown) has so far fallen within the jurisdiction of the province of Massachusetts, now Commonwealth of Massachusetts, in the sense of the testator, as that they might be justified in appropriating the said donation to the support and maintenance of a Free School in the said town ; and have submitted their duty to the determination of this court, praying that an act may be passed to declare their duty, and to indemnify them in the execution of the same ;

SECTION 1. Be it enacted by the Senate and the House of Representatives, in General Court assembled, and by authority of the same, that the donation made in the clause before recited ought to be presently applied to the use and maintenance of a Free School in the town of Williamstown, in the County of Berkshire, and that in case the said donation shall afford an annual interest more than sufficient for the supporting and maintaining such school in Williamstown, then the surplusage be appropriated to the use and maintenance of a Free School in the tract of land called by the testator East Township, now incorporated by the name of Adams, with other lands, applying and appropriating the said donation to the uses above expressed, and shall be liable to no action or suit in law or equity, on account of such appropriations.

And, whereas the said executors have further prayed that for carrying into complete execution the intention of the testator, a corporation may be created and vested with such powers as may be necessary for that purpose ;

SECTION 2. Be it therefore enacted by the authority aforesaid, that William Williams of Dalton, Theodore Sedgwick, Woodbridge Little, John Bacon, Thompson Joseph Skinner, Esquires, the Reverends Seth Swift and Daniel Collins, Mr. Israel Jones and Mr. David Noble, and their successors, to be elected and appointed as hereinafter directed and provided, be, and hereby are, incorporated, and shall be a corporation forever by the name of " The Trustees of the Donation of Ephraim Williams, Esq., for Maintaining a Free School in Williamstown " ; and that the said trustees and their successors be, and hereby are, vested with all the powers, rights, and immunities, which are by law incident to aggregate eleemosynary corporations.

SECTION 3. And be it further enacted, that the said corporation shall always consist of a number not less than seven, not more than nine persons, excepting only that whenever a vacancy shall happen by death, removal, refusal, or resignation of any member or members, so that the number be reduced to less than seven, the aforesaid number, then the remaining or surviving trustees shall have full power to perform all corporate acts until

such vacancy be supplied ; and the said trustees shall elect and appoint a clerk of the corporation, who shall fairly enter and record all votes, acts, orders, and proceedings made, done or passed by the trustees ; and shall elect a proper person to be their treasurer, who shall receive into his hands all monies belonging to the corporation, and pay the same pursuant to the order of the trustees, and shall always keep a fair account of all receipts and payments.

SECTION 4. And be it further enacted, that the power of electing and appointing successors in case of the death, removal, refusal, or resignation of any of the trustees be, and hereby is, vested solely in the Supreme Judicial Court of this Commonwealth ; and whenever any of the above mentioned cases shall happen, the trustees shall, as soon as conveniently may be, certify the same to the Justices of the said court, that a successor may be appointed ; and the Justices of the same court are hereby empowered to remove from office and trust any member of the corporation who shall, in their judgment, be unfit to hold the same, by reason of incapacity, misdemeanor, negligence, or breach of trust.

And to the intent that the said donation may not be wasted, mismanaged, or perverted from its original intention ;

SECTION 5. Be it further enacted by the authority aforesaid, that the said corporation, and the donation itself, shall always be under the visitation and direction of the Supreme Judicial Court, who are hereby empowered to visit the said corporation to rectify all abuses, to determine all matters of doubt or dispute touching the duty of the trustees, and the use, application, or appropriation of monies or interests to the same donation belonging ; and to make all such orders and regulations with respect to the use, management, and appropriation of the same donation and every part thereof, as they shall judge necessary or useful in order to promote the best interests of the school, according to the true meaning and intention of the testator and such laws of this Commonwealth as may be in force respecting the same ; and the said court, whenever they shall judge necessary, shall cause the said trustees to come before them, either to render an account of expenditures and dispositions of monies, or to answer for any mismanagement or breach of trust ; and the trustees shall appear and lay their accounts, papers, records, and corporation books before the said court for inspection, whenever they shall be required thereto.

SECTION 6. And be it further enacted that the said trustees and their successors forever shall have the possession, management, and disposition of the whole interest and estate, real and personal, which is contained in and given, bequeathed, devised, or disposed of by the above recited clause in the will aforesaid ; and they are hereby empowered and directed, as soon as conveniently may be, to erect and maintain a Free School within the said town of Williamstown, for the instruction of youth, in such manner as most

effectually to answer the pious, generous, and charitable intention of the testator, and agreeable to such orders and instructions as they may, from time to time, receive from the Supreme Judicial Court ; and they are hereby empowered to appoint and employ instructors, masters, and officers, as shall be necessary for that purpose.

And to the intent that the said trustees may be enabled, in the most easy and expeditious manner, to receive in their own possession and management, the whole estate, property, and interest, contained in the aforesaid donation ;

SECTION 7. Be it further enacted by the authority aforesaid, that the said executors, shall, at the request of the trustees, make and execute to the said trustees a deed or deeds of conveyance of all such lands or real estate as belong to said donation, and yet remain unsold, in which deed or deeds it shall be expressed that the executors do grant to the trustees the right, estate, and interest of the testator, and of themselves, in and to the described lands or tenements to the trustees and their successors forever ; and the said executors shall deliver over into the hands of the trustees, at their request, all such personal securities or mortgages as the executors now have in their own hands, and which are a part of the same donation ; all of which securities, whether bonds, promissory notes, mortgage deeds, or of what name or description soever, being endorsed with the name of the said executors, or one of them, and delivered as aforesaid, shall become the property of the trustees to all intents and purposes ; and they are hereby empowered, in the name of the corporation, to bring any action or actions against the obligors, promisors, mortgagors, or tenants, for recovering the contents of the same securities or possession of mortgaged estates, which action or actions shall be holden to be good and valid in law for that purpose, as if the securities or mortgage deeds had been originally made to the trustees by their corporate names.

And, whereas the testator has directed, that in case his principal donation should afford an interest more than sufficient for the support and maintenance of the school in Williamstown, the surplusage should be improved to the use of a school in the East Township, now called Adams, in the said County of Berkshire ; and whereas questions and disputes may arise touching the (nature) meaning and extent of this part of the will, and when there may be said to be a surplusage beyond what should be necessary, according to the intent of testator, for the support of the school in Williamstown ;

SECTION 8. Be it further enacted, that in case of such surplusage, the said trustees are hereby empowered and directed to use and employ the same for erecting and supporting a Free School in the said town of Adams, in the same manner as has been in this act before provided in respect of the school in Williamstown ; and that all questions and disputes that may arise concerning such surplusage, and the duty of the trustees in respect of the several schools, shall be determined by the Supreme Judicial Court ; and

the trustees shall always conform their conduct and administration herein to such orders and determinations as shall, from time to time, be made by the same court.

SECTION 9. And be it further enacted, that the Supreme Judicial Court may, at their discretion, exercise all the powers vested in them by virtue of this act, at any of the sessions holden within the counties of Berkshire or Hampshire ; and in all trials at law, the court, ex-officio, shall take notice of this act to all intents and purposes whatsoever, and the same shall be given in evidence under any general issue.

At their first meeting, April 24, 1785, the trustees passed a resolution to the effect that "it is the sense of the corporation that the Free School in Williamstown be open and free for the use and benefit of the inhabitants of that town and of the free citizens of the American States indiscriminately." They also decided that "it will best coincide with the liberal views of the donor and the intention of the legislature to admit no pupil to the Free School * * * not having been taught to read English well."

As they found it difficult to collect the necessary funds for erecting a building the trustees sent a petition, August 19, 1788, to the legislature "for the grant of a lottery to raise the sum of twelve hundred pounds." Accordingly an act was passed February 11, 1789, making such a grant.

The initial step toward a transformation of the Free School into a college was taken at a meeting of the trustees, May 23, 1792. In a petition to the legislature they "humbly showed" what had been done already, and set forth the "several circumstances attending the situation of the Free School * * * peculiarly favorable to a seminary of a more public and important nature." The petition was granted, and an act to establish the college and to transfer to it the property of the Free School was passed June 22, 1793 :

An act to establish a college in the County of Berkshire, within this Commonwealth, by the name of Williams College.

Be it enacted by the Senate and House of Representatives, in the General Court assembled, and by the authority of the same, that there be erected and established in the town of Williamstown, in the County of Berkshire, a college, for the purpose of educating youth, to be called and known

by the name of Williams College, to be under the government and regulation of a body politic and corporate, as hereafter in this act is provided.

And be it further enacted by the authority aforesaid, that John Bacon, Esq., Rev. Daniel Collins, Israel Jones, Woodbridge Little, David Noble, Theodore Sedgwick, Thompson J. Skinner, Esquires, Rev. Seth Swift, Henry Vanscaak, Esq., Rev. Stephen West, D.D., William Williams and Elijah Williams, Esquires, together with the president of the said college for the time being, to be chosen as in this act is hereafter directed, be and hereby are created a body politic and corporate, by the name of "The President and Trustees of Williams College," and that they and their successors, and such others as shall be duly elected members of the said corporation, shall be and remain a body politic and corporate, by that name forever.

And be it further enacted by the authority aforesaid, that for the more orderly conducting the business of the said corporation, The President and Trustees shall have full power and authority, from time to time, as they shall determine, to elect a vice-president and secretary of the said corporation, and to declare the tenures and duties of their respective offices, and also to remove any trustee from the said corporation, when, in their judgment, he shall be rendered incapable, by age or otherwise, of discharging the duties of his office, or shall neglect or refuse to perform the same, and to fill up all vacancies in the said corporation, by electing such persons for trustees as they shall judge best. Provided, nevertheless, that the number of the said trustees, including the president of the said college, for the time being, shall never be greater than seventeen nor less than eleven.

And be it further enacted, that the said corporation may have one common seal, which they may change, break or renew, at their pleasure ; and that all deeds signed and delivered by the treasurer, and sealed with their seal, by order of The President and Trustees, shall, when made in their corporate name, be considered in law as the deed of the said corporation ; and that the said corporation may sue and be sued in all actions, real, personal or mixed, and may prosecute and defend the same to final judgment and execution, by the name of The President and Trustees of Williams College ; and that the said corporation shall be capable of having, holding and taking in fee simple or any less estate, by gift, grant, devise or otherwise, any lands, tenements or other estate, real or personal. Provided, nevertheless, that the annual clear income of the same shall not exceed the sum of six thousand pounds.

And be it further enacted by the authority aforesaid, that the said corporation shall have full power and authority to determine at what times and places their meetings shall be holden, and in the manner of notifying the trustees to convene at such meetings ; and also, from time to time, elect a president and treasurer of said college, and such professors, tutors, instructors and other officers of the said college as they shall judge most for the

interest thereof, and to determine the duties, salaries, emoluments and tenures of their several officers aforesaid ; the said president, for the time being, when elected and inducted into his office, to be, ex-officio, president of said corporation. And the said corporation are further empowered to purchase or erect, and to keep in repair, such houses and other buildings as they shall judge necessary for the said college ; and also to make and ordain, as occasion may require, reasonable rules, orders and by-laws, not repugnant to the laws of this Commonwealth, with reasonable penalties, for the good government of the said college ; and also to determine and prescribe the mode of ascertaining the qualifications of the students, requisite to their admission ; and also to confer such degrees as are usually conferred by universities established for the education of youth. Provided, nevertheless, that no corporate business shall be transacted at any meeting, unless seven at least of the trustees are present ; and provided further, that the said corporation shall confer no degree other than those of Bachelor of Arts and Master of Arts, until after the first day of January, which shall be in the year of our Lord one thousand eight hundred.

And be it further enacted by the authority aforesaid, that the clear rents, issues and profits of all the estate, real and personal, of which the said corporation shall be seized or possessed, shall be appropriated to the endowment of the said college, in such manner as shall most effectually promote virtue and piety, and the knowledge of such of the languages, and of the liberal arts and sciences as shall hereafter be directed from time to time, by the said corporation.

And be it further enacted by the authority aforesaid, that the Hon. Thompson J. Skinner, Esq., be, and he is hereby authorized and empowered to fix the time and place for holding the first meeting of the said corporation, of which he shall give notice by an advertisement in the Stockbridge newspapers, at least fourteen days previous thereto.

And be it further enacted by the authority aforesaid, that the treasurer of the said college shall, before he enter upon the execution of the duties of his office, give bonds to the said corporation, with such sums, and with such sureties as they shall approve of, conditioned for the faithful discharge of the said office, and for rendering a just and true account of his doings therein, when required. And that all the money, securities and other property of The President and Trustees of Williams College, together with all the books in which his accounts and proceedings as treasurer were entered and kept, that shall be in his hands at the expiration of his office, shall, upon demand made upon him, his executors or administrators, be paid and delivered over to his successor in that office. And all monies recovered by virtue of any suit at law, upon said bond, shall be paid over to the president and trustees aforesaid, and subjected to the appropriation above directed in this act.

And be it further enacted by the authority aforesaid, that the Legislature

of this Commonwealth may grant any further powers to, or alter, limit, annul or restrain any of the powers by this act vested in the said corporation, as shall be judged necessary to promote the best interests of the said college; and, more especially, may appoint and establish overseers or visitors of the said college, with all necessary powers and authorities for the better aid, preservation and government thereof.

And be it further enacted by the authority aforesaid, that all the property, real and personal, belonging to the trustees of Williamstown Free School, be, and the same hereby is vested in the corporation, which by this act is created.

And be it further enacted by the authority aforesaid, that there be, and hereby is granted to the trustees of Williams College, for the use, benefit and purpose of supporting said college, twelve hundred pounds, to be paid out of the treasury of this Commonwealth; three hundred pounds of the same to be paid the first day of September, one thousand seven hundred ninety-three; and three hundred pounds annually, on the first day of September, for the three succeeding years.

February 26, 1796, an additional act was passed, as follows :

WHEREAS, Doubts have arisen, whether the rights and credits which, previous to passing the act aforesaid, were vested in and belonging to the trustees of the donation of EPHRAIM WILLIAMS, Esquire, for maintaining a Free School in WILLIAMSTOWN, are by virtue of the same act transferred to and vested in the Corporation of THE PRESIDENT AND TRUSTEES OF WILLIAMS COLLEGE :

Be it therefore enacted by the Senate and House of Representatives, in General Court assembled, and by the authority of the same, that the said rights and credits be and hereby are transferred to and vested in the said Corporation of THE PRESIDENT AND TRUSTEES OF WILLIAMS COLLEGE, who are hereby authorized to commence and prosecute to final judgment and execution, any suit or action in law or equity, which the said trustees of the donation of EPHRAIM WILLIAMS, Esquire, for maintaining a free school in WILLIAMSTOWN, might heretofore have commenced or prosecuted.

On petition of the trustees the legislature passed an act February 4, 1796, granting the college two townships of land "of the contents of six miles square each, to be laid out and assigned from any of the unappropriated lands belonging to this Commonwealth in the district of Maine." The act provided that the trustees "shall cause to be settled fifteen families in each of said townships within twelve years from the passing this resolve; and also that there be reserved in each township three lots of three hundred and twenty acres each for the

following uses, viz., one lot for the first settled minister, one lot for the use of the ministry, and one lot for the use of schools in each of said townships." These lands were sold for about \$10,000, and the proceeds devoted to building East College.

Nine years later the college again appealed to the legislature for assistance. A committee of that body, which investigated the condition and prospects of the institution, made the following report, February 19, 1805 :

The Committee of both Houses, to whom was referred the petition of The President and Trustees of Williams College, praying the aid of government to enable them to build a chapel for the performance of divine service, and for keeping the college library and apparatus, having examined the origin, rise, and progress of the seminary, from its institution to the present time, together with the aid heretofore afforded by the government, and the existing state of its funds, beg leave to observe, That the funds granted by the original donor and the government have, in the opinion of the Committee, been judiciously applied to the object of the institution, and with success exceeding the most sanguine expectations, and that the present state of the college affords a reasonable and pleasing expectation of its future extensive benefits to society, and that a chapel for the purposes above mentioned would essentially promote the same ; and as the encouragement and grants of the government to that college have not been equal to those made to other seminaries in the Commonwealth, the Committee ask leave to report the following Resolve :

Resolved, For reasons set forth in the petition, that there be and hereby is granted one township of land of the contents of six miles square to be laid out and assigned from any of the unappropriated lands belonging to the Commonwealth, in the District of Maine, except the ten townships lately purchased of the Penobscot Indians. * * *

In 1809 the legislature granted another township of land in Maine "for the further aid in support of Williams College and for the erecting of other buildings for the convenience of the institution and for sustaining a professor of the Oriental languages." The sum of \$9,500 was realized from the last two townships.

The legislature passed an act February 24, 1814, "for the Encouragement of Literature, Piety and Morality and the Useful Arts and Sciences," and appropriated the taxes due to

the Commonwealth from the Massachusetts Bank, "for the ten years next to come," to Harvard, Williams, and Bowdoin. Of this fund Williams received "three sixteenth parts," which amounted to \$30,000. In 1859 the State gave the College \$25,000, and in 1868, \$75,000. The total of these legislative gifts is \$153,500.

In 1883 the following act was passed :

An act to authorize The President and Trustees of Williams College to hold additional real and personal estate.

[Be it enacted, etc., as follows :]

SECTION 1. The proviso in section 4 of the act establishing Williams College, passed on the twenty-second day of June in the year seventeen hundred and ninety-three, is hereby amended so as to read : " Provided, nevertheless, that the clear annual income of the same shall not exceed two hundred thousand dollars."

SECTION 2. This act shall take effect upon its passage.

The principal college buildings, with the dates of their erection and their approximate cost, are as follows : West College, 1790, \$11,700 ; East College, 1798, \$12,400—burned in 1841, rebuilt, 1842, \$7,000 ; South College, 1842, \$5,000 ; Griffin Hall Chapel, 1828, \$10,000 ; Hopkins Observatory, 1837, \$3,000 ; Lawrence Hall Library, 1846, \$7,000 ; Kellogg Hall, 1847, \$5,000 ; Jackson Hall, 1856, \$4,000 ; Alumni Hall Chapel, 1859, \$20,000 ; Goodrich Hall, 1864, \$25,000 ; College Hall, 1872, \$5,000 ; Clark Hall, 1881, \$25,000 ; Field Memorial Observatory, 1882, \$8,000 ; Morgan Hall, 1882, \$82,400 ; Lasell Gymnasium, 1886, \$50,000 ; Library Extension, 1890, \$10,000 ; Hopkins Memorial Hall, 1890, \$87,800 ; Thompson Chemical Laboratory, 1892, \$60,000 ; Thompson Physical Laboratory, 1893, \$60,000 ; Thompson Biological Laboratory, 1893, \$60,000 ; College Infirmary, 1895, \$10,000. Total, \$568,300.

The corporate name of the college is THE PRESIDENT AND TRUSTEES OF WILLIAMS COLLEGE.

TERMS OF ADMISSION

Each candidate for admission must present a testimonial of good character from the teacher under whom he was prepared for college.

Candidates for admission to the Freshman class must present satisfactory qualifications in one of the following groups of subjects, the work covered by each subject being given in detail below. Groups I, II., III., IV., and V. admit to the course leading to the degree of Bachelor of Arts; Group VI. admits students to a partial course not leading to a degree, but permitting them to take such college courses as they are prepared to pursue, subject to the conditions specified on page 27.

GROUP I.

History I.
Mathematics I.
English
Latin
Greek

GROUP III.

History I. or II.
Mathematics I.
English
Latin
German I.
German II.

GROUP V.

History I. or II.
Mathematics I.
Mathematics II.
English
Latin
German I.

GROUP II.

History I. or II.
Mathematics I.
English
Latin
French I.
French II.

GROUP IV.

History I. or II.
Mathematics I.
Mathematics II.
English
Latin
French I.

GROUP VI.

(Partial Course)

* History I., II., or III.
Mathematics I.
English
{ Latin
 or
 French I.
 or
 German I.

* If Latin is offered, History I. or II. is required; otherwise the candidate may present either History I., II., or III.

The names of students who enter as candidates for a degree but have somewhat serious deficiencies or irregularities in their entrance records, are classified in the Special Course until the deficiencies or irregularities have been removed.

DETAILS OF SUBJECTS

HISTORY I.—Greek to the death of Alexander, and Roman to the reign of Augustus. Smith's *Smaller History of Greece*, Oman's or Meyers's *History of Greece*, and Leighton's *History of Rome* are recommended. The related geography is also included.

HISTORY II.—Roman to the reign of Augustus, and either Montgomery's *English History* or Montgomery's *Student's American History*, or equivalents. Leighton's *History of Rome* is recommended. The related geography is also included.

HISTORY III.—Montgomery's *English History* and Montgomery's *Student's American History*, or equivalents. The related geography is also included.

ENGLISH.—Two sets of books are prescribed for preparation in English, the A-group and the B-group; those in the A-group are for reading and practice, those in the B-group for more extended study. The candidate may present an exercise-book properly certified by his instructor, and this, if satisfactory, will be accepted as equivalent for the work in A. Blank forms, containing the directions and regulations governing the preparation of these blanks, will be sent upon application to the Registrar. Exercise-books thus offered as equivalents for entrance examinations must be forwarded to the English department not later than June 1st of the year in which the candidate expects to enter college.

A-Group: Reading and Practice.—The candidate will be required to show a general knowledge of the books contained in this list, and to answer questions on the lives of the authors. An important element of the examination will be the writing of paragraphs on topics chosen from the books assigned. The treatment of the topic thus presented will be taken as evidence of the candidate's power to express his thoughts with clearness and accuracy. No work will be accepted as satisfactory that is notably deficient in spelling, punctuation, idiom, and proper division into paragraphs.

Note.—While English grammar and composition do not as such form the basis for independent examination, still the candidate is expected to be able to answer such questions on these subjects as may be proposed. Preparatory

schools are urged to offer thorough and systematic drill in these branches, particularly in the development of the paragraph from a given topic-sentence with due attention to unity and coherence.

The books prescribed for this part of the entrance work are :

- 1899.—Dryden's *Palamon and Arcite* ; Pope's *Iliad*, Books I., VI., XXII., and XXIV. ; The *Sir Roger de Coverley Papers* in *The Spectator* ; Goldsmith's *The Vicar of Wakefield* ; Coleridge's *The Ancient Mariner* ; De Quincey's *The Flight of a Tartar Tribe* ; Cooper's *The Last of the Mohicans* ; Lowell's *The Vision of Sir Launfal* ; Hawthorne's *The House of the Seven Gables*.
- 1900.—Dryden's *Palamon and Arcite* ; Pope's *Iliad*, Books I., VI., XXII., and XXIV. ; The *Sir Roger de Coverley Papers* in *The Spectator* ; Goldsmith's *The Vicar of Wakefield* ; Scott's *Ivanhoe* ; De Quincey's *The Flight of a Tartar Tribe* ; Cooper's *The Last of the Mohicans* ; Tennyson's *The Princess* ; Lowell's *The Vision of Sir Launfal*.
- 1901, 1902.—Shakspeare's *The Merchant of Venice* ; Pope's *Iliad*, Books I., VI., XXII., and XXIV. ; The *Sir Roger de Coverley Papers* in *The Spectator* ; Goldsmith's *The Vicar of Wakefield* ; Coleridge's *The Ancient Mariner* ; Scott's *Ivanhoe* ; Cooper's *The Last of the Mohicans* ; Tennyson's *The Princess* ; Lowell's *The Vision of Sir Launfal* ; George Eliot's *Silas Marner*.

B-Group : Study and Practice.—The examination on this part of the work presupposes a more careful study of the books prescribed and a thorough familiarity with their subject-matter ; it will deal, in addition, with discrimination in the use of words, sentence combinations, abstracts, paraphrases, and the essentials of paragraph construction and analysis. See note under A-group above.

The books set for this part of the examination will be :

- 1899.—Shakspeare's *Macbeth* ; Milton's *Paradise Lost*, Books I. and II. ; Burke's *Speech on Conciliation with America* ; Carlyle's *Essay on Burns*.
- 1900.—Shakspeare's *Macbeth* ; Milton's *Paradise Lost*, Books I. and II. ; Burke's *Speech on Conciliation with America* ; Macaulay's *Essays on Milton and Addison*.
- 1901, 1902.—Shakspeare's *Macbeth* ; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso* ; Burke's *Speech on Conciliation with America* ; Macaulay's *Essays on Milton and Addison*.

MATHEMATICS I.—Algebra, through quadratic equations, including radical quantities and simultaneous quadratics. Plane geometry.

MATHEMATICS II.—(a) Algebra : imaginaries, inequalities, ratio and proportion, arithmetical, geometrical, and harmonical progressions, binomial theorem (with positive, negative, and fractional exponents), undetermined coefficients, partial fractions, reversion of series, logarithms, compound interest, annuities, continued fractions, permutations, and combinations, as much as is treated in Wells's or Wentworth's College Algebra. (b) Solid Geometry, as much as is contained in the ordinary text-books, such as Phillips and Fisher, Wentworth, Wells, or Newcomb (Books VII.–XI.). The examination will also include problems and propositions for original demonstration dependent on easy deductions from the standard propositions given in the text-books. (c) Plane trigonometry including goniometry and the practical use of logarithmic tables in the solution of triangles, as much as is contained in the first eight chapters of Chauvenet's Treatise (omitting the fine print), the first four chapters of Wentworth, or the first seven chapters of Wells.

LATIN.—Grammar ; translation of connected English passages into Latin prose ; Cæsar, four books ; Cicero, six orations, to be specified in the certificate ; Vergil, six books of the *Æneid*, including prosody, and, in addition, either the *Bucolics* or the seventh and eighth books of the *Æneid* ; translation at sight of passages from Nepos and the *Metamorphoses* of Ovid. Equivalents from other authors will be accepted in part. Candidates are expected to pronounce Latin according to the Roman method.

GREEK.—Hadley and Allen's or Goodwin's Grammar ; translation into Greek of English passages based on Xenophon ; Xenophon, four books of the *Anabasis* ; Homer, three books of the *Iliad* ; translation at sight of passages of less difficult Greek prose. Candidates are expected to pronounce Greek according to the written accents, and in conformity with §§ 11, 14, 19, 20, and 21 of Hadley and Allen, or according to Goodwin's preface and § 28 of his revised edition. The unabridged edition or the intermediate edition of Liddell and Scott's Greek Lexicon is also recommended, but not the abridged edition. In order to help pupils to form a correct style, teachers are requested to insist upon the use of simple and idiomatic English in translating.

FRENCH I.—The Elementary Examination will be adapted to the proficiency of those who have studied French in a systematic course of five hours a week for one year. It will consist of two parts (which, however, cannot be taken separately): (a) The translation at sight of ordinary prose. The passages set for translation will be suited to candidates who have read not less than four hundred duodecimo pages from the works of at least three different authors; this amount includes sight-reading done in the class. Not more than half the reading should be from works of fiction. It is important that all translation be done into clear and idiomatic English. (b) The translation into French of English sentences and of a short connected passage, to test the candidate's familiarity with elementary grammar. Elementary grammar is understood to include the conjugation of regular and the more usual irregular verbs, such as *aller, tenir, pouvoir, savoir, voir, vouloir, dire, faire*, and those belonging to the classes represented by *dormir, ouvrir, connaître, conduire, craindre*; the forms and positions of the personal pronouns; the uses of other pronouns and of possessive, demonstrative, and interrogative adjectives; the inflection of nouns and adjectives for gender and number, except rare cases; the commoner uses of the article; and the partitive constructions. Proficiency may also be tested by direct questioning. Pronunciation should be carefully taught, and the pupil should be accustomed to hear and understand the spoken language. The writing of French from dictation is also recommended.

FRENCH II.—The Advanced Examination will consist of two parts (of which one may be taken separately): (a) The translation at sight of standard French. The passages set for translation will be suited to candidates who have read, in addition to the amount specified under French I. (a), not less than one thousand duodecimo pages of classical and contemporary prose and verse from the writings of at least five standard authors. (b) The translation into French of English sentences and of a passage of English prose. In preparation for this examination candidates will be expected to have acquired a thorough knowledge of *accidence* and a familiarity with the essentials of French syntax, especially the uses of modes and tenses, and also with the commoner idiomatic phrases. Proficiency may also be tested by direct questioning. Careful attention should be paid to pronunciation and to the use of spoken French, that the candidate may at least acquire the ability to follow a recitation conducted in the language and to answer questions asked by the instructor.

Candidates who offer French II. are expected to have studied the language for at least three years before presenting themselves for examination.

GERMAN I.—(a) Ability to translate ordinary prose at sight ; in preparation for this the student should have read two hundred and fifty pages of narrative prose. (b) Proficiency in elementary grammar, including the rules for the arrangement of German sentences. Translation of simple connected prose from English into German. Attention should be paid to a distinct pronunciation of the language.

GERMAN II.—(a) For the examination in 1899: One hundred and fifty pages of prose fiction ; and also Freytag's *Doktor Luther*, Lessing's *Minna von Barnhelm*, Schiller's *Wilhelm Tell*, and Goethe's *Hermann und Dorothea*. A knowledge of the lives of Lessing, Goethe, and Schiller is required. Kluge's *Geschichte der deutschen National-Litteratur* (§§ 48–57) is suggested as indicating the amount. While reading at sight will be an essential part of the examination, the candidate will be tested on the works given above with regard to both language and subject-matter. Equivalents will be accepted. (b) There will also be an exercise in prose composition, for which purpose the candidate should have translated about seventy-five pages of narrative prose from English into German.

Candidates who offer German II. are expected to have studied the language for at least three years before presenting themselves for examination.

ANTICIPATION OF COLLEGE COURSES.—Candidates may, at their option, anticipate any prescribed course of the college and substitute in its place advanced work. Special examinations will be held for this purpose in connection with the examinations for admission, and the student must obtain an average of seventy-five per cent. in these special examinations. Any one, anticipating French I. or German I., may continue with the language in which he passed the examination, and may postpone the beginning of the other language another year.

ADMISSION TO ADVANCED STANDING

Candidates for admission to an advanced standing will be examined in the studies that have been pursued by the classes which they wish to enter, or in other equivalent studies.

Students who come from other colleges and who bring

certificates of dismissal, may, upon proof of their qualifications, be admitted to a corresponding standing in this college.

REGULATIONS CONCERNING PARTIAL COURSE STUDENTS

A candidate for this course must have studied some foreign language, ancient or modern, with such proficiency as to enable him to continue it with some college course other than an elementary one, and he will be expected to include this advanced course among his first-year studies. No student who offers French or German will be permitted to take elementary French or German after admission.

The requirements in Latin (if that is offered in place of French or German) and in English, History, and Mathematics are the same as for the full course. See Group VI., page 21.

Partial course students must choose courses which will give them at least twelve hours of class-room work a week (or eleven hours if Freshman courses only are chosen).

Partial course students who come directly from a preparatory school must take at least seven hours a week with the Freshman class, unless they can anticipate by examination a full year's work in one or more of the Freshman studies, in which case they may take a corresponding number of hours with an advanced class ; but, on entering, partial course students are allowed to take no more than three hours a week of Junior studies and none of the Senior studies unless they can anticipate by examination all the work preparatory to these studies. They must continue each study chosen through the college year, or till the termination of that study.

Partial course students may be dismissed at any time if the faculty are convinced that they are not qualified to do their current work or are not making a good use of their opportunities.

PRELIMINARY EXAMINATIONS

Preliminary examinations in a part of the requirements for admission will be given one year in advance to candidates desiring them, provided they bring from the principals of their

schools certificates specifying the subjects in which their teachers consider them prepared. The examination will cover the whole of each subject offered by the candidate. For example, Cicero, Xenophon, or Algebra cannot be divided between the preliminary and the final examinations.

In order to prevent an interruption to studies which are to be continued in the college course, candidates are requested to reserve the following subjects for the final examinations: Cicero or Vergil, Latin Prose Composition, Homer, Greek Prose Composition, Geometry, and English. The subjects thus reserved can be passed in the preliminary examinations only by reaching a mark of seventy-five per cent. instead of the sixty per cent. required for other subjects.

No credit will be given for the preliminary examination, unless the applicant pass in a substantial part of the subjects offered. The preliminary certificate will be valid for one year only, unless the examination has been passed in a specially creditable manner.

ARRANGEMENT OF EXAMINATIONS

The examinations for admission, in 1899, will be held in room No. 4, Hopkins Hall, on the Monday and Tuesday preceding Commencement, and the Tuesday and Wednesday preceding the opening of the college year in September, as follows:

FIRST DAY.

8½ A.M.—Registration.

9 A.M.—English.

11 A.M.—Greek and Roman History.

English and American History.

2 P.M.—French, German, Greek.

SECOND DAY.

9 A.M.—Latin.

2 P.M.—Mathematics.

Entrance examinations in June will be held on the same days and in the same order as in Williamstown, at the Collegiate School, 241 and 243 West 77th Street, New York City;

at the Central High School, corner of Franklin and Court Streets, Buffalo, N. Y. ; and at the South Side Academy, 5418 Greenwood Avenue, Chicago, provided there is a request for such examinations. Each candidate who wishes to take the examinations at any of these places, must notify the Secretary of the Faculty, at Williamstown, to that effect by the 20th of May, and must at the same time remit the sum of five dollars, the fee for examinations in these places.

Examination papers for the June examinations will also be sent, without payment of fee, to any responsible school which has candidates for admission and which will undertake to conduct the examinations on the same dates and in the same order as indicated above, and will do this without expense to the college. The student's written work in such cases is to be forwarded at once by the teacher in charge to the Secretary of the Faculty.

The September examinations are held in Williamstown only.

ADMISSION BY CERTIFICATE

Under certain conditions specified below, certificates of preparatory schools are accepted in place of examinations in History, English, Mathematics I., Latin, and Greek. Certificates will in no case be accepted for Mathematics II., German I., German II., French I., French II., or for the anticipation of any course of study pursued in college. The privilege of sending students by certificate may be granted to a school which requests it, provided the faculty of the college have such an acquaintance with the work of the school as will warrant granting the request. In general, a school which has recently sent properly trained students by examination, is considered entitled, on application, to receive the certificate privilege and to retain it as long as there is no radical change in the management of the school.

This privilege is not granted to private tutors, and it is revocable in all cases when not properly exercised.

Certificates must be made out on blanks furnished by the Secretary of the Faculty, and in accordance with the instruc-

tions contained therein. These certificates must contain an explicit statement of the work done by the candidates and the time devoted to it. If the work covered by the certificate is considerably less than the amount required for admission, or if the time devoted to a given subject is inadequate (for instance less than four years of thirty-six weeks each upon Latin and three years upon Greek), the certificate will not be accepted for the subject in which the deficiency occurs, though it will remain valid for other subjects. In such cases an examination upon the subjects involved will be required. For slight deficiencies conditions may be imposed.

Hereafter certificates will not be accepted in Greek for candidates who have studied the subject less than three full school years. In 1899 and thereafter certificates will not be accepted in Latin for candidates who have studied the subject less than four full school years.

A student who has failed to pass the entrance examination at this or any other college will not be received by certificate, unless he has subsequently spent at least a year of study in the school which issues the certificate.

Freshmen and partial course students who have entered by certificate and have subsequently been dismissed for failure in their studies, cannot re-enter in the next class except by passing the entrance examinations. Certificates will not be accepted.

If such students were originally admitted by examination, they may be readmitted without examination in certain subjects if in the judgment of the committee on admissions their records warrant such exemption.

Certificates must be signed by the principal of the school, and sent to the Secretary of the Faculty, so far as is practicable, before Commencement; but not in advance of the actual completion of the work for which they vouch.

When a year or more has passed between the completion of the work for which the certificate vouches and the time for the student to enter college, satisfactory evidence that he has kept up his studies must be furnished by examination or otherwise.

COURSES OF INSTRUCTION

DEPARTMENT OF LANGUAGE AND LITERATURE

GREEK

Professors FERNALD and HEWITT.

1a. *Herodotus*.—Portions of his history as found in Fernald's Selections. So far as practicable, different portions are read in consecutive years. While the principal object of this course is to acquire familiarity with the style and matter of Herodotus, the work is interspersed with oral and written exercises in review of the grammatical forms and with reading at sight.

Illustrated lectures upon the orders of Greek architecture.

Freshman required course. Four hours a week until Christmas.

Professor FERNALD.

1b. *Homer*.—Books III., IV., and V. of the Odyssey will be read and some of the principal Homeric questions will be discussed in lectures. The students are encouraged to read beyond the limits prescribed for the class.

Several evening readings from portions of the Odyssey not read in the class will be open to those who may care to attend.

Freshman required course. Three hours a week from Christmas to Easter.

Professor FERNALD.

1c. *Lysias*.—Morgan's edition will be used. Special attention will be given to the political and social allusions which abound in the orations of Lysias. Different orations from those read the previous year will be selected.

One hour a week will be devoted to composition and grammatical review.

There will also be lectures, illustrated with photographs, lantern views, and other material, upon the remains of Greek architecture and upon certain other Greek antiquities.

Freshman required course. Four hours a week after Easter.

Professor FERNALD.

2a. *Plato and Sophocles*.—The Apology and Crito of Plato and Sophocles' Antigone. Courses of lectures will be given on Greek philosophy from Thales to Plato and on the Greek theatre.

Sophomore elective course. Three hours a week until Christmas.

Professor HEWITT.

2b. *Æschylus, Euripides, and Aristophanes*.—Until Easter the *Prometheus* and the *Bacchæ* will be read chiefly from the literary point of view, and special attention will be given to points of similarity and dissimilarity between the ancient and modern drama. A portion of the time will be given to lectures on the Greek drama. After Easter two exercises a week will be devoted to the reading of *Aristophanes*. In place of the third exercise, each member of the class will be required to do original work in Greek syntax or editorial work upon a portion of one of the Greek plays.

Sophomore elective course. Three hours a week after Christmas.

Professor HEWITT.

3a. *Lucian and Pausanias*.—The *Dream*, *Charon* and *Timon* will be read; a discussion of the life and times of *Lucian* and of his influence upon modern literature. Such selections from *Pausanias* will be read as will serve as a basis for archæological study—particularly of *Athens* and *Olympia*.

Senior and Junior elective course. Three hours a week until Christmas.

Professor HEWITT.

3b. *Greek*.—The history of the earlier portion of the Peloponnesian war, including the account of the plague at *Athens*, will be read from the second book of *Thucydides* (Classen's edition). For lighter matter the *Cebetis Tabula* will be read (Jerram's edition).

Senior and Junior elective course. Three hours a week from Christmas to Easter.

Professor FERNALD.

3c. *Theocritus*.—The work will consist chiefly of the reading of the *Idylls* and a discussion of Greek pastoral poetry and of the literature of the Alexandrian period. Attention is drawn to points of resemblance between *Theocritus* and certain modern poets.

Senior and Junior elective course. Three hours a week after Easter.

Professor HEWITT.

LATIN

Professors HEWITT and WILD.

I. *Livy, Terence, Tacitus*.—Book XXI. of *Livy*, with sight-reading in Books I. and XXII. Special attention will be given to the history of Rome during the Punic wars.

The *Andria* and *Adelphæ* of *Terence*. The *Agricola* and *Germania* of *Tacitus* with sight-reading of portions of the *Annals*.

Freshman required course. Three hours a week throughout the year.

Professor WILD.

2a. *Letters of Cicero and Pliny; Plautus; History of Roman Literature*.—A study of *Cicero* in his private life as shown in the letters in *Tyr-*

rell's smaller edition. Reading at sight of selections from Pliny's Letters by way of comparison.

The *Captivi* and *Trinummus* of Plautus, with one exercise a week in the History of Roman Literature.

Sophomore elective course. Three hours a week until Christmas and after Easter. Professor WILD.

2b. *Latin Satire*.—Juvenal and Martial. Satires VII., VIII., X., XI., XII., of Juvenal with selections from Martial, with special reference to a study of the private life of the Romans and as a basis for the study of Roman Satire.

Sophomore elective course. Three times a week from Christmas to Easter. Professor HEWITT.

[*Horace*.—Selections from the Odes, Epodes, and Epistles. Studies in Roman antiquities. Elements of Roman archæology; the topography and architectural history of Rome.

Sophomore elective course. Three times a week from Christmas to Easter. This course will not be given in 1898-9.

Professor HEWITT.]

3a. *Tacitus*.—The Annals. A study of the style of Tacitus and of the characteristics of the literature of the Silver Age. Incidentally, the character of Tiberius will be studied, and partly for this purpose selections will be read (at sight) from Suetonius and Velleius Paterculus.

Senior and Junior elective course. Three times a week until Christmas. Professor HEWITT.

[*Catullus, and the Elegiac poets*.—Selections will be read with special reference to the literary qualities.

Senior and Junior elective course. Three times a week until Christmas. This course will not be given in 1898-9.

Professor HEWITT.]

3b. *Lucretius; Early Latin; Latin Writing*.—Books I., III. and V. of the *De Rerum Natura* of Lucretius. Allen's Remnants of Early Latin, in connection with an introductory study of Latin Epigraphy.

A short course in the writing of Latin will be open to those who wish to take it.

Senior and Junior elective course. Three hours a week after Christmas. Professor WILD.

ENGLISH

Professors SPRING and MAXCY, Assistant Professor MATHER, and Mr. LIVINGSTON.

1. *English Composition*.—The purpose of this course is to train the student in the development of the paragraph and in the essentials of descrip-

tion and narration. Thorough drill is offered in the construction of the isolated paragraph and of the related paragraph as found in the narrative and descriptive theme. The preparation of outside work is supplemented by frequent exercises in the class-room. Theory of development and construction is supplemented by complete analysis of recognized masterpieces of English prose.

The course also includes the study of correct use in words, sentences and paragraphs, as found in Hill's *Foundations of Rhetoric*. With each recitation drill is given in the pronunciation of words, lists of which are presented in advance.

Freshman required course. Two hours a week during the year.

Professor MAXCY.

2. *Composition-rhetoric*.—This course, a continuation of Course 1, advances from paragraph to theme construction with attention to principles of style, and is supplemented by frequent exercises in extempore writing. The work also includes studies in structure and style based upon selected masterpieces from Macaulay, Froude, Morley, Ruskin, and others.

Sophomore required course. One hour a week during the year.

Professor MAXCY.

3. *English Themes*.—Juniors are required to submit one essay and one oration for personal criticism. Conferences at hours to be announced.

Mr. LIVINGSTON.

4. *English Themes*.—Seniors are required to submit two essays for personal criticism. Conferences at hours to be announced.

Professor SPRING.

5. *Argumentation*.—The work of the course is based upon the following outline: (a) principles of argumentation, logical and rhetorical; (b) study and analysis of masterpieces of modern argumentation; (c) briefs based upon these selections; (d) original briefs developed into forensics and delivered before the class.

Junior elective course. Three hours a week during the year.

Professor MAXCY.

6. *Historical English*.—A study in outline of the development of the English language and literature in the Anglo-Saxon and Middle English periods.

The first half-year is devoted to the study of Anglo-Saxon, the second chiefly to the works of Chaucer.

Junior elective course. Three hours a week during the year.

Assistant Professor MATHER.

7. *History and development of English prose fiction*.—(a) Dramatic elements of the novel; (b) the study of literary effects as found in the novel;

(c) trends of development in English prose fiction ; (d) the history and development of the English novel.

In connection with the work thus outlined the class makes an analytical study of selected masterpieces of English prose fiction, and also pursues an extended course of reading, each work assigned forming the basis of examination upon the principles developed in the class. A subject for extended study is given to each member of the class and upon this he works during the year, offering his thesis at the completion of the course.

Junior elective course. Three hours a week during the year.

Professor MAXCY.

8. *The Elizabethan Drama*.—The rise of the Elizabethan drama ; critical reading and discussion of the plays of Marlowe, Ben Jonson, Beaumont and Fletcher, Webster and a large group of Shakspeare's most important works ; lectures.

Senior elective course, open to those who have taken one of the Junior English courses. Three hours a week during the year.

Professor SPRING.

9. *The Literature of the Seventeenth and Eighteenth Centuries*.—Lectures on the progress and interpretation of English letters in this period.

Senior optional course. Three hours a week during the second half-year.

Professor SPRING.

ELOCUTION

Mr. LIVINGSTON.

Freshmen are drilled in declamation, five rehearsals being required of each student during the first half-year. The choice of speakers for the prize contest in declamation is based on this work.

Sophomores receive training in the delivery of orations of their own production, either written and committed to memory, or carefully prepared from notes. Four rehearsals are required during the second half-year, and this work determines the appointments for the preliminary contest in oratory.

In the Junior year the delivery of orations is optional, being confined chiefly to those who are candidates for the prize contest.

In the Senior year students who are appointed for orations to be delivered during Commencement week are trained in preparation.

Extended drill is given in all cases to speakers who compete in prize contests.

Opportunity for systematic work in the development of the voice and in expression is afforded to members of all classes through concerted exercises given four times a week during part of the winter. In connection with these exercises, individual instruction is given to students desiring special work as a preparation for public speaking.

FRENCH

Professor MORTON and Assistant Professor MATHER.

1. *Elementary French*.—Grandgent's Short French Grammar. Composition. Reading of modern French.

Freshman required course. Three hours a week during the year.

Professor MORTON.

2. *Second Year French*.—Study of Syntax. Composition. Histoire de la Littérature Française from beginning to the eighteenth century. In connection with this, selections from the early literature are read to the class. The chief part of this course is devoted to the reading of seventeenth century literature. The use of the French language in the class-room is gradually increased.

Elective course. Open to all who have taken French 1. Three hours a week during the year.

Assistant Professor MATHER.

3. *Third Year French*.—Histoire de la Littérature Française, eighteenth and nineteenth centuries. A few works of the eighteenth century are read, but the chief part of the course is devoted to the reading of nineteenth century literature. There is constant practice in writing French, and as far as possible it is made the language of the class-room. Outside reading is assigned.

Elective course. Open to all who have taken French 2. Three hours a week during the year.

Professor MORTON.

GERMAN

Professors WAHL and GOODRICH.

1. *Elementary German*.—Grammar. Composition. Reading of narrative prose and lyrics.

Sophomore required course. Three hours a week during the year.

Professor WAHL.

2. *Intermediate German*.—Meyer's Das Amulet; Schiller's Historische Skizzen and Wilhelm Tell; Goethe's Hermann und Dorothea; Lessing's Minna von Barnhelm. Grammar and Composition. Incidental lectures.

Junior elective course. Three hours a week during the year.

Professor GOODRICH.

3. *Elective Advanced German*.—Goethe and the classic period. Reading of selections from his poems, Dichtung und Wahrheit and other prose writings, together with a study of his life and time. Faust, Part I. complete and Part II. in selections; Iphigenie; Tasso. Lessing's Emilia Galotti.

Schiller's *Maria Stuart*. Practice in writing German and in the use of the spoken language, based on texts read. Incidental lectures.

Senior elective course. Three hours a week during the year.

Professor WAHL.

4. *Advanced German Prose*.—Reading, composition, and oral practice.

Required as a third year course for students without Greek, elective for others. Three (four) hours a week during the year.

Professors WAHL and GOODRICH.

ITALIAN

Assistant Professor MATHER.

Grandgent's *Italian Grammar*; one or more comedies of Goldoni; selections from modern Italian prose; reading in the *Divina Commedia*; lectures on Italian literature of the thirteenth and fourteenth centuries.

Senior and Junior elective course. Open also to Sophomores of Groups II.-V. Three hours a week during the year.

HEBREW

Mr. LIVINGSTON.

[*A Course for Beginners*.—Harper's *Introductory Hebrew Method and Manual*; reading of the book of Genesis and other narrative portions of the Bible, with some reading at sight.

Senior and Junior elective course. This course will not be given in 1898-9.]

DEPARTMENT OF BIBLICAL STUDY

Mr. BURR.

[*Introduction to the New Testament*.—One of the Gospels is selected as the basis of the study, the Greek text used being Dr. Riddle's revision of Robinson's *Harmony of the Gospels in Greek*, and the *Cambridge Greek Testament*. The critical work includes an examination of the text, with its variation in manuscripts, versions, and patristic quotations. Each section of the Gospel is studied in its relation to other accounts, and with reference to its chronological order. The more practical investigation of the subject is conducted on the line indicated in Dr. Harper's *Inductive Bible Studies*.

Senior elective course. This course will not be given in 1898-9.]

DEPARTMENT OF PHILOSOPHY

President CARTER and Professor RUSSELL.

1. *Natural Theology*.—Flint's *Theism*.

Senior optional course. Three hours a week during the first half-year.

President CARTER.

2. *Psychology*.—This study is designed to be a preparation for advanced courses in psychology and philosophy. Mind is studied in its connection with the nervous system and its functions, and nothing more is attempted than to gain a general view of mental phenomena and mental development.

Junior required course. Three hours a week until Christmas.

Professor RUSSELL.

3. *Logic*.—This study is conducted with special reference to the doctrine of knowledge and the principles of science.

Junior required course. Three hours a week after Easter.

Professor RUSSELL.

4. *Introduction to Philosophy*.—The aim of this course is to acquaint the student with the nature and the leading problems of philosophy. Chief prominence is given to questions relating to knowledge, duty and religious faith.

Senior optional course. Three hours a week during the first half-year.

Professor RUSSELL.

5. *Advanced Course in Psychology*.—A course in psychology together with the more important subjects in abnormal psychology.

Senior elective course. Three hours a week during the year.

Professor RUSSELL.

6. *History of Philosophy*.—A general survey of the development of philosophy, to be followed by a special study of English philosophy.

Senior elective course. Three hours a week during the year.

Professor RUSSELL.

DEPARTMENT OF HISTORY AND ART

HISTORY

Professors RICE and GOODRICH.

1. *English History*.—Certain periods of English history are studied in a text-book. Lectures are given on important topics in the history of European institutions.

Junior required course. Three hours a week until Christmas.

Professor RICE.

2. *American History*.—The history of Europe and America during the seventeenth and eighteenth centuries is taken up. Lectures are given on the political relations of the two continents, the physiography of the United States, and the institutions of the colonial period.

Junior required course. Three hours a week Christmas to Easter.

Professor RICE.

3. *European History*.—This course will cover the period from 1789 to 1870.

Senior elective course. Three hours a week during the year.

Professor GOODRICH.

4. *English and American History*.—A study of the origin and development of institutions in England and America, and of certain periods in the political history of the United States during the nineteenth century. The general aim of this course, in its method and subject, is to prepare students for the study of law.

Senior elective course. Three exercises (six hours) a week during the year.

Professor RICE.

ART

Professor RICE.

History of Architecture.—A study of the forms and history of the arts of design, especially as expressed in architecture and ornament. The course is intended to give the student a general acquaintance with important epochs in the history of art, and also such practical insight into principles of decoration as may be of advantage in preparing for professional work. Photographs, lantern-slides, and diagrams are used for illustration (see page 53).

Senior elective course. Three exercises (six hours) a week during the year.

DEPARTMENT OF POLITICAL AND SOCIAL SCIENCE

Professor BASCOM.

1. *Political Science*.—Of the following sub-courses which are included in this course, the first five will be given consecutively and the remainder alternately :

- (a) The Principles of Jurisprudence. Lectures.
- (b) The Constitution of the United States. Andrew's Manual.
- (c) The Historical Development of the Constitution to the present time. Lectures.
- (d) The English Constitution. Lectures.
- (e) English Constitutional History. Text-book and lectures.
- (f) Municipal Law, Civil Law, Canon Law, Common Law. Lectures.
- (g) International Law. Lectures.

Senior elective course. Three hours a week during the year.

2. *Political Economy*.—Political economy is first studied as an abstract science, treating of certain specified relations. It is then taken in connection with sociology, as modified by the circumstances under which its principles are applied. Text-book and lectures.

Junior required course. Three hours a week after Christmas.

3. *Sociology*.—The aim of this course is to give economics, ethics, and civics their true and immediate bearing on our social life. Text-book, Bascom's Social Theory.

Senior optional course. Three hours a week during the second half-year.

DEPARTMENT OF MATHEMATICS AND SCIENCE

MATHEMATICS

Professor LEFAVOUR, Assistant Professor MILHAM, Mr. HUNTINGTON, and Dr. HARDY.

1a. *Solid Geometry*.—Books VI., VII., VIII. of Wentworth's New Plane and Solid Geometry.

1b. *Algebra*.—Progressions, binomial theorem, partial fractions, logarithms, determinants, etc. Wells's College Algebra.

Freshman required courses. Four hours a week during the first half-year. Dr. HARDY.

1c. *Trigonometry*.—Use of logarithms. Applications to mensuration and surveying. Wentworth's Trigonometry.

Freshman required course. Four hours a week during the second half-year. Mr. HUNTINGTON.

1d. *Field Work in Surveying*.—Each student will receive instruction in the practical use of surveying instruments, including determination of heights, simple triangulation, the measurement of areas, and levelling.

Mr. HUNTINGTON and Dr. HARDY.

5. *Surveying and Theory of Equations*.—A special course to be taken in connection with mathematics 2a and 2b by those entering with advanced mathematics.

Freshman special course. One exercise a week during the year.

Mr. HUNTINGTON and Dr. HARDY.

2a. *Analytical Geometry*.—Plane analytical geometry, with an introduction to analytical geometry of three dimensions. Wentworth's Analytical Geometry.

Sophomore elective course. Three hours a week during the first half-year.

Mr. HUNTINGTON.

2b. *Differential Calculus*.—The method of limits will be followed, Osborne's text-book being used, with reference to other works.

Sophomore elective course. Three hours a week during the second half-year.

Assistant Professor MILHAM.

3a. *Integral Calculus*.—Methods of integration, rectification of curves, etc.

Junior elective course. Three hours a week during the first half-year.

Mr. HUNTINGTON.

3b. *Calculus*.—Applications of differential and integral calculus. Os-
borne's Calculus.

Junior elective course. Three hours a week during the second half-year.

Dr. HARDY.

4. *Differential Equations and Analytical Geometry of Three Dimen-
sions*.—Murray's Differential Equations. Solid Geometry.

Senior elective course. Three hours a week during the year.

Dr. HARDY.

ASTRONOMY

Professor SAFFORD.

1. *Elementary Astronomy*.—Exercises in mathematical geography and conic sections ; spherical trigonometry and computation. Descriptive astronomy. Lectures and discussions upon the history of astronomy. Practical exercises with portable instruments, and with fixed instruments in the observatory.

Junior elective course. Three hours a week during the year.

2. *Exercises in Practical Astronomy*.—The instruments principally used, besides time-pieces, are the sextant, transit instrument, meridian circle, universal instrument, and equatorial. The object of the course is to give additional practical knowledge of the subject, and facility in handling instruments and using formulæ. Computation of comets' orbits.

Senior elective course. Three hours a week during the year.

3. *Astronomy*.—A course of instruction in practical astronomy is offered to graduates or persons qualified to pursue it. It will include as far as required the following subjects: theory and use of instruments; the art of computation; the method of least squares; reduction; criticism and discussion of observations; computation of the orbits of comets and planets, and, for any who are sufficiently advanced, special and general perturbations. Students who wish to pursue geodesy, instead of astronomy proper, can substitute triangulation and the figure of the earth for certain portions of astronomy. Mathematical subjects not included in the college course will be taken up so far as is necessary. Every encouragement will be given to qualified persons to carry on independent research in these branches. Direction will also be given to the work of students who wish to prepare themselves to become teachers of mathematics on the lines indicated by Professor Safford in his monograph on *Mathematical Teaching and its Modern Methods* (Boston, D. C. Heath & Co.).

CHEMISTRY

Professor MEARS and Dr. WALWORTH.

The work in chemistry is divided into the following courses:

1. *General Chemistry*.—This course aims to teach the principles of the science in connection with the study of the non-metallic elements. It

is also preliminary to the elective courses. Instruction is given by lectures and recitations, supplemented by work in the laboratory, to which about one third of the time is devoted.

Sophomore required course. Three times a week during the first half-year.

2a. *Chemistry*.—This course includes lectures and examinations on the occurrence, preparation, and uses of the metals and their compounds, and is introductory to the study of qualitative analysis. The course in analysis is carried on in connection with these lectures, and embraces the analysis of the more common salts and mineral substances, with examinations on the methods involved.

2b. *Chemistry*.—The exercises, after Easter, are devoted to the study of the methane series of carbon compounds.

Elective course for students who have taken Course 1. Three exercises (six hours) a week during the year.

3. *Chemistry*.—The first third of the year is devoted to quantitative analysis and includes the determination and separation of the more common bases and acids. Both gravimetric and volumetric methods are employed. The second third of the year is devoted to the preparation of inorganic compounds from crude materials and a review of the principles involved in their purification. The remainder of the year is devoted to the preparation and study of organic compounds. Opportunity is also given for the sanitary analysis of water and, for those desiring it, for work in medical chemistry.

Elective course for students who have taken Courses 1 and 2. Three exercises (six hours) a week during the year.

PHYSICS.

Professor LEFAVOUR, Assistant Professor MILHAM, and Dr. MENDENHALL.

1. *General Physics*.—The instruction includes lectures with experimental demonstrations, oral and written recitations, and twenty practical exercises in the laboratory. The first half-year is devoted to kinematics, dynamics, sound and heat; the remainder of the year to light and electricity. The purpose of the course is to state and explain the general principles of the science, and to find their application in the experiences and phenomena of daily life. A knowledge of elementary mathematics, including plane trigonometry, is essential.

Sophomore required course. Three hours a week during the year.

Professor LEFAVOUR.

2. *Practical Physics*.—The course consists of a series of physical measurements in the laboratory, together with a number of lectures on the methods and principles involved, with references to the scientific literature

bearing on each problem. Sixty-six exercises are required, of which forty-four are prescribed. The latter include measurements of length, volume, mass, density, elasticity, gravity, capillarity, heat, light, and electricity. The remaining twenty-two may be chosen from an optional list of groups which will enable the student to emphasize either general physics, chemical physics, or measurements in electricity.

Elective course for Juniors and Seniors. Three exercises (six hours) a week during the year.

Professor LEFAVOUR, Assistant Professor MILHAM, and Dr. MENDENHALL.

3. *Advanced Electricity*.—This course is open only to those who have taken Mathematics 2 and the electrical groups in Physics 2.

The subjects considered during the first half-year are the comparison and absolute determination of capacity, mutual induction and self-induction, and measurements in magnetism and electro-magnetism. Application is also made of these methods and principles to the study of electrical apparatus, such as bells, telegraph and telephone instruments, induction coils, arc and incandescent lamps, etc.

During the second half-year dynamos and motors are studied, both theoretically and practically, together with the methods of determining their characteristics and efficiencies. Consideration is also given to the general problem of the distribution of current, with reference to efficiency, economy, durability, and cost.

Elective course for Seniors. Three exercises (six hours) a week during the year.

Assistant Professor MILHAM.

[4. *Chemical Physics*.—In this course the physical theories of chemistry are studied, accompanied by a series of laboratory exercises. In the latter part of the course the laboratory investigation of some special problem is undertaken. The course is open only to those who have taken Chemistry 2 and Physics 2.

Senior elective course. Three exercises a week during the year. Omitted the present year.

Professor LEFAVOUR.]

BIOLOGY.

Professor CLARKE, Mr. BUDINGTON, and Mr. SCOTT.

1. *General Biology*.—This course is an introduction to the study of living matter and of its relations to inorganic matter, or matter in the non-living state.

A somewhat detailed study of a number of typical animals and plants is made the basis for brief discussions of the leading principles of general biology, *e. g.*, the nature of protoplasm, cell life, the relations of animals and plants, some of the main points in embryology, heredity, and evolution,

the structure and functions of bacteria and their relations to human life. There will also be given a brief review of the history of biology, showing how this science has come to its present condition, and what its great problems are.

Sophomore required course. Three hours a week during the second half-year.

2 (a). *Comparative Anatomy of Vertebrates*.—A laboratory study is offered of a series of vertebrates, to include successively a selachian (skate), a telestome (cod), an amphibian (frog and tadpole), a reptile (young alligator), bird (pigeon), and a mammal (guinea-pig or rabbit). Fresh material is provided in all cases, and advantages offered for the general study of vertebrate morphology and the modifications of the various systems.

Methods of laboratory study are employed at the beginning of the course, while short lectures are given as an aid to an understanding of the material under dissection. Other lectures are also statedly given, which relate to the zoölogy and classification of the various groups of which the above selected forms are representatives. At the close of the course lectures are given upon the work of Mr. Darwin and some related problems now attracting attention.

(b). *Embryology*.—Following the work in anatomy there will be offered a discussion of the development of a vertebrate, with laboratory study of the amphibian eggs common in the locality. The segmentation of the egg, origin of the primary layers, and subsequent changes of form will be observed in the growth of the embryo, together with the differentiation of the various organs of the body.

Junior and Senior elective course. Three exercises a week during the year.

3 (a). *Invertebrate Zoölogy and Histology*.—Some of the principles of animal morphology are brought out during the year by a laboratory study of certain orders of invertebrates, taken successively from the Protozoa, Porifera (*Grantia*, etc.), Coelenterata (*Hydra* and hydroids), Platyzoa (fresh-water forms), Annelida (*Lumbricus*), Mollusca (*Mya*, *Sycotypus*, *Loligo*), Echinodermata (*Asterias*), Crustacea (crayfish), and Insecta (*Acridium*).

The lectures which attend the work are designed partly to aid in the laboratory study, and also to bring out some of the problems of biology as they are illustrated in the several groups from which the above forms are taken as representatives. There will also be laboratory practice in the preparation of material for microscopic study, such as staining, mounting, section cutting, etc., with demonstrations of the histology of the adult tissues as far as the time will allow. Lectures in explanation and illustration.

(b). During the second half of the year a laboratory study in the embryology of the chick is offered. The work is prefaced by several lectures

and demonstrations illustrating the phenomena of fertilization, karyokinesis, and segmentation. The general features of the development of the organs of the chick are then taken up with Foster and Balfour's Embryology as a guide. Ample illustrations of the study are presented in the lecture-room by the projection microscope and diagrams, while the student has every facility for making preparations of the various stages of the development.

Senior elective course, open to those who have taken Courses 1 and 2. Three exercises (six hours) a week during the year.

HYGIENE, ANATOMY, AND PHYSIOLOGY

Professor WOODBRIDGE.

1. *Hygiene*.—A series of lectures on subjects pertaining to health and habits of study. Each member of the class is subjected to an examination of heart, lungs and eyes for the purpose of giving him any personal suggestions that may seem advisable.

Hutchinson's Physiology and Hygiene and Rohe's Text-book of Hygiene are recommended for reference.

Freshman required course. One hour a week from Christmas to Easter.

2. *Anatomy and Physiology*.—An effort is made to exhibit not only the results, but also the methods of physiological research.

During the first term the instruction is by lectures and syllabus. The aim of the course is to give the student a general view of physiology with sufficient anatomy and histology to make the subject intelligible. Foster's Physiology (1 vol. edition), Ladd's Physiological Psychology, and Raymond's Manual of Human Physiology are suggested as books of reference.

During the second and third terms the instruction is by text-book,—Gray's Anatomy. The subjects studied are osteology, joints, and muscles.

It is hoped, by adding this course to the electives in the natural sciences, to afford material aid to those planning to pursue medical study. Faithful work in these departments will secure for the student advanced standing in several medical colleges.

Senior elective course. Three hours a week during the year.

During the spring term, at the request of successive Senior classes, a short course of lectures has been given on practical questions relating to the hygiene of the home.

GEOLOGY AND BOTANY

Mr. DALE.

Two thirds of this course is devoted to geology with some mineralogy, and the remainder to botany. The botany is begun with the geology in the fall and completed after Easter.

The geological course consists of lectures and recitations on elementary geology, petrography, paleontology, and mineralogy, the study of specimens, several geological excursions, and the preparation by each student of a paper on some assigned outdoor subject. Archibald Geikie's *Class-Book of Geology* will be used as an introduction. The various departments of geology will be subordinated to structural and historical geology.

The mode of instruction is designed to combine the advantages of both the recitation and lecture system, and to supplement these with training in observation both in the museum and in the field.

The course in botany is conducted on the same principles. Emphasis will be laid on the external morphology of plants and on systematic botany, with a view of making the student acquainted with the more common flowering plants and of teaching him to study them by groups and orders rather than by species.

The region affords rare facilities for the study of both geology and botany.

Senior elective course. Three lectures and three hours' laboratory work a week during the year, with afternoon excursions after Easter taking the place of some of the other exercises.

DEPARTMENT OF PHYSICAL CULTURE

Mr. SEELEY.

Exercises consisting of marching, calisthenics, and light gymnastics with wands, clubs, chest-weights, and dumb-bells.

Freshman required course. Four half-hour periods a week until Christmas. Two one-hour periods a week Christmas to Easter.

Elective work in the gymnasium is offered to the other classes, and every effort is made to encourage outdoor sports.

EXHIBIT OF STUDIES

The following exhibit of studies indicates the courses of instruction that are required of each class. Sixteen hours a week are required of the Freshmen and Sophomores, and fifteen hours a week of the Juniors and Seniors in the full course. All the studies of the Freshman year are prescribed. In the Sophomore year ten hours are prescribed and six hours are elective. In the Junior year six hours of work are prescribed, and nine are to be chosen from the elective courses. In the Senior year all the courses are elective, but one course at least must be taken from a special group of half-year courses. Students in Groups II., III., IV., and V. must have completed, before graduation, the work covered by Courses 1, 2, and 4 in German, and Courses 1, 2, and 3 in French; those in Group I. must have included in their electives the second year's work in one of these languages. The groups are arranged according to the different conditions of admission stated on page 21. The unenclosed figures refer to the courses of instruction as arranged according to departments in the preceding pages, and the figures in parentheses indicate the number of exercises a week for each course.

FRESHMAN YEAR—REQUIRED COURSES

GROUP I.	GROUP II.	GROUP III.	GROUP IV.	GROUP V.
English 1, (2) Elocution	English 1, (2) Elocution	English 1, (2) Elocution	English 1, (2) Elocution	English 1, (2) Elocution
French 1, (3)	*French 3, } (4) Hygiene,	French 1, (3)	*French 2, } (4) Hygiene,	French 1, (3)
Greek 1, } (4) Hygiene,	German 1, (3)	*German 4, } (4) Hygiene,	German 1, (3)	*German 2, } (4) Hygiene,
Latin 1, (3)	Latin 1, (3)	Latin 1, (3)	Latin 1, (3)	Latin 1, (3)
Mathematics 1, (4)	Mathematics 1, (4)	Mathematics 1, (4)	Mathematics 2, (3)	Mathematics 2, (3)
Physical Training	Physical Training	Physical Training	Mathematics 5, (1) Physical Training	Mathematics 5, (1) Physical Training

* Outside reading equivalent to a recitation hour, or an extra recitation hour, is required in addition to the three regular exercises, except during the period between the Christmas recess and the Easter recess, when the lectures in hygiene are given.

SOPHOMORE YEAR

GROUP I.	GROUP II.	GROUP III.	GROUP IV.	GROUP V.
REQUIRED COURSES				
Biology 1, } (3) Chemistry 1, } English 2, (1) Elocution German 1, (3) Physics 1, (3)	Biology 1, } (3) Chemistry 1, } English 2, (1) Elocution German 2, (3) Physics 1, (3)	Biology 1, } (3) Chemistry, } English 2, (1) Elocution French 2, (3) Physics 1, (3)	Biology 1, } (3) Chemistry 1, } English 2, (1) Elocution German 2, (3) Physics 1, (3)	Biology 1, } (3) Chemistry 1, } English 2, (1) Elocution French 2, (3) Physics 1, (3)
ELECTIVE COURSES				
Each Sophomore is required to choose two of the following three-hour courses.				
French 2 Greek 2 Latin 2 Mathematics 2	Italian Latin 2 Mathematics 2	Italian Latin 2 Mathematics 2	French 3 Italian Latin 2 Mathematics 3	German 4 Italian Latin 2 Mathematics 3

JUNIOR AND SENIOR YEARS

JUNIOR REQUIRED COURSES

<i>Until Christmas</i>	<i>Christmas to Easter</i>	<i>After Easter</i>
English 3	English 3	English 3
History 1, (3)	History 1, (3)	Philosophy 3, (3)
Philosophy 2, (3)	Political Science 2, (3)	Political Science 2, (3)

SENIOR REQUIRED COURSE

English 4

SENIOR OPTIONAL COURSES

Seniors are required to choose one of these courses in each half-year.

First Half-year

Philosophy 1, (3)
Philosophy 4, (3)

Second Half-year

English 8, (3)
Political Science 3, (3)

ELECTIVE COURSES

Seniors are required to choose four courses in groups (a) and (b), the hours of which do not conflict. In place of one of them the remaining courses in the optional group given above may be substituted. Juniors are required to choose three courses in groups (b) and (c), the hours of which do not conflict. Each course consists of three exercises a week.

(a)

Architecture	English 8	Philosophy 5
Astronomy 2	German 3	Philosophy 6
Biblical Study	History 3	Physics 3
Biology 3	History 4	Physics 4
Chemistry 3	Mathematics 4	

(b)

Anatomy	French 3	Italian
Astronomy 1	Geology-Botany	Latin 3
Biology 2	German 2	Mathematics 3
Chemistry 2	German 4	Physics 2
English 6	Greek 3	Political Science 1
French 2	Hebrew	

(c)

English 5

English 7

GENERAL INFORMATION

LIBRARY

The College Library contains forty-two thousand eight hundred and fifty volumes, exclusive of duplicates, and over sixteen thousand pamphlets. The card catalogue now covers this entire collection, bound and unbound. For the maintenance and enlargement of the library about four thousand dollars are expended annually. The Lawrence, Jonathan Phillips, Adriance, Jones, Class of 1878, and Josiah William Wheeler funds represent a capital sum of forty-eight thousand five hundred dollars, the income from which is increased by gifts, and by special appropriations of the trustees.

Students have direct access to all books. They may draw three volumes at a time, to be retained, if desired, for two weeks, with the privilege of one renewal. Abundant facilities are afforded for reading, study, and writing during library hours.

The library is open every week day during the entire year. In term time the hours are from 8.30 A.M. to 12.30 P.M., from 2 P.M. to 6 P.M., and for the east wing only from 7.30 P.M. to 9.30 P.M. On Sundays during the college year the library is open, for reading and reference only, from 2 P.M. to 5.25 P.M. In vacation the hours are from 10 A.M. to 12 M., on week days only.

A special effort is made to promote the seminary method. For this purpose reference books bearing on the term's work are placed in a special department of the east wing. Branch libraries are established in the Thompson Laboratories, bringing the books bearing on biology, chemistry, and physics within the immediate reach of students in those departments. With the same method in view, books used for special study in language, history, or philosophy are placed in rooms of the library or other college buildings reserved for this purpose.

The libraries of the Philotechnian and Philologian Societies, containing nine thousand volumes, are open to their members Wednesdays and Saturdays.

A comfortable reading-room, well supplied with daily and weekly papers and other current literature, is maintained under the auspices of the Mills Young Men's Christian Association.

LABORATORIES

The departments of biology, chemistry, and physics are located in the three buildings presented to the college by F. F. Thompson, Esq., of New York City.

The Biological Laboratory contains three laboratories for the various courses offered. There is besides a general lecture room, a library and reading-room where much of the current literature of biology is kept on file, also a room for illustrative collections, and an aquarium. The work of instruction and research commands the aid of suitable apparatus, such as microscopes, microtomes, ovens, baths, and other necessary appliances, together with a large series of charts, models, and illustrative collections, which are being continually increased. There is also a complete stereopticon outfit, with projection microscope and arc light.

The Chemical Laboratory contains three large laboratories, private laboratories, lecture and recitation rooms, and a reference library, all of which are supplied with the best modern appliances.

The Physical Laboratory contains a well appointed lecture room, a recitation room, separate laboratories for the work of the different classes, a department library, and rooms especially arranged for advanced work in electricity, magnetism, light, and chemical physics. Power is furnished by a Westinghouse engine of fifteen horse-power, and the electrical equipment includes a five kilowatt dynamo, experimental dynamos and motors, Weston measuring instruments, galvanometers, standard cells, condensers, and resistances. A storage battery of thirty cells furnishes current for the electric lights used in the lecture room and laboratories. A workshop in

the basement contains an additional engine, a 13' lathe, and other tools for working in metal and wood.

OBSERVATORIES

The astronomical department of the college possesses two observatories for illustration and scientific investigation. The older was built by Professor Albert Hopkins in 1838, and contains an equatorial by Phelps of Troy, N. Y., with an object-glass by Alvan Clark, Senior, which has an aperture of 7 inches. This instrument was constructed about 1852 and is interesting as an early example of Clark's optical work. It is employed for instruction and the observation of occasional phenomena. The other rooms of the Hopkins Observatory contain meteorological apparatus and a transit instrument, now little used, by Troughton and Simms, with an aperture of $3\frac{1}{2}$ inches.

In another part of the town a plot, comprising five acres and a half, was purchased in 1881 for astronomical purposes. At present this enclosure contains the Field Observatory, an iron meridian house, built at the expense of the Hon. David Dudley Field, together with a hut for the accommodation of portable instruments. The main instrument of this observatory is a fine meridian circle by A. Repsold and Sons of Hamburg, with a telescope of $4\frac{8}{10}$ inches aperture and a circle divided to 2' of arc, reading by four microscopes to single seconds directly. The meridian circle is provided with the necessary clock, a fillet chronograph, and collimators according to Rittenhouse. In addition, the department of astronomy is provided with a sufficient number of portable instruments, among which are two telescopes for the simpler observations, a portable transit which can be used for a zenith telescope, and two theodolites, one of them a Wanschaff universal with seven-inch limb, latitude level, and microscopes reading to 5' directly. There are also several instruments of reflection, including sextants, a prismatic circle, sailors' octants, with chronometers and artificial horizons and other small pieces of apparatus. The meteorological apparatus has been kept in regular use since about 1816.

CLASSICAL SOCIETY

The Classical Society, formed of instructors and students in the elective Latin and Greek courses, has for its object the encouragement of original research. It holds its regular meetings in the College Library, on the the second Tuesday evening of each month, for the reading and discussion of original papers and for reports in the fields of Greek and Latin philology and archæology.

LYCEUM OF NATURAL HISTORY

This organization was founded in 1835, and is maintained by the students of the college in connection with the department of biology. Regular bi-weekly meetings are held, at which reports are presented by the members or by visiting biologists. Public lectures are also given at intervals during the year under the auspices of this society.

A fund established by the late William J. Walker equips expeditions, organized for the purpose of making collections and of study, at more or less distant points. This fund, which, by the terms of the gift, is available every fourth year, was last applied in the summer of 1897, for the encouragement of biological research at the Marine Biological Laboratory at Woods Holl, Mass.

The Lyceum of Natural History was provided with a building, Jackson Hall, named in honor of its donor, the late Nathan Jackson, in which a museum is located, which contains scientific material collected by former expeditions, together with ethnological material sent to the college by its missionary graduates, besides various collections belonging to the college.

ART ASSOCIATION AND COLLECTION

The Williams Art Association, an organization of the students, under the direction of Professor Rice, provides lectures and exhibitions during the autumn and winter terms, which supplement the elective course mentioned on page 39. The material used in this work has been provided largely by gifts

of alumni and friends, who show their interest in this feature of college life by annual contributions to the support of the course in architecture. Room No. 13 in the Hopkins Memorial Building has been fitted up for displaying and storing the photographs, prints, and other illustrations purchased from time to time. Last year Mrs. S. D. Warren, of Boston, added to her gift of Ongania's great work on San Marco, the money necessary to mount and frame the reproduction of the façade, and this has now been hung in the upper corridor of Hopkins Hall.

A valuable collection of paintings, bas-reliefs, Etruscan vases, and Peruvian pottery, the gift of the late Mrs. John W. Field, of Philadelphia, is on exhibition in the new Library Extension.

The gift of suitable works of art is solicited by the trustees of the college, subject to approval by a committee of their number.

MUSEUM

The college cabinet as recently rearranged in Clark Hall includes the following collections: mineralogical, petrographical, paleontological, geological (structural), geological (local), conchological (synoptic), and botanical.

Included in this list are certain special collections, such as the Wilder Mineralogical Cabinet, given, as was the building itself, by the late Edward Clark, of the class of 1831, the geological collection of the late Prof. Ebenezer Emmons, and the herbaria presented to the college by several persons.

These collections include everything needed for college work in geology, mineralogy, and botany.

Clark Hall is also provided with tables and dissecting microscopes for laboratory work in botany.

GYMNASIUM

The Lasell Gymnasium, erected and equipped at a cost of \$50,000, chiefly by the munificence of the widow of the late Hon. Josiah Lasell, of the class of 1844, and of his son, Josiah Manning Lasell, of the class of 1886, furnishes abundant facilities for physical development. The apparatus is the out-

come of the study and invention of the best teachers of gymnastics. Pulley-weights of the best pattern, adjustable to varying strength, light Indian clubs, dumb-bells, both of wood and of iron, horizontal and parallel bars, rings, and apparatus for developing special muscles are used under the immediate supervision of an instructor. An inclined padded running track 229 feet in length, base-ball cage, and bowling alleys are important features of the building. It is provided with hot and cold water, tub, sponge, and shower baths, and three hundred and seventy lockers. There are several class drills daily in the main hall at hours suiting the convenience of the students. A careful examination and measurement of each student is made by the Director, not only soon after entering college, but also at occasional intervals later in the course, in order that the exercise may be adapted to individual peculiarities, and a symmetrical development secured. Gymnastic exercise is required of the Freshman class until the Easter recess.

FIELD SPORTS

The smaller athletic fields near the college buildings afford practice in lawn-tennis and baseball, while the large Weston Field, the gift of the Hon. Byron Weston, of Dalton, affords opportunity for baseball, football, and track athletics. The Athletic Council has undertaken the raising of twelve thousand dollars, three of which have already been secured, for the permanent improvement of Weston Field. The golf links of the Taconic Club is open, upon moderate terms, to student players.

COLLEGE INFIRMARY

Through the generosity of friends of the college a house has been provided where students who are ill can receive proper attention. Friends of inmates who wish to assist in their care can be accommodated at the infirmary, and in severe cases trained nurses may be secured at the expense of the patient. Each student received into the infirmary pays his own board and that of his nurse. Students are assessed three dollars a year for the maintenance of the infirmary.

THOMPSON COURSE OF ENTERTAINMENTS

This course, which for many years has been sustained by the liberality of F. F. Thompson, Esq., of New York City, provides lectures, concerts, and other entertainments during the winter.

ORDER AND DISCIPLINE

It is the aim of the college to develop in the individual student the sense of personal responsibility for good order and a high standard of scholarship, and to secure, in the largest measure, his co-operation with the faculty in the development of his own character.

ATTENDANCE ON COLLEGE EXERCISES

Attendance is required upon nine-tenths of all college exercises, and if a student fail for any cause to meet this requirement of attendance upon secular exercises, work additional to that done by the class will be assigned in some department or departments of study in which the failure has occurred. This assignment of extra work will be made by a committee of the faculty in consultation with the instructor, and will be announced at the end of the half-year.

The regulation of attendance upon both the secular and religious exercises is entrusted to the Dean. He is authorized to establish such rules for attendance upon the religious exercises of the college as he may deem necessary, and to place under probation any student who fails to meet these requirements, or whose attendance on recitations and lectures is especially irregular. If a student does not comply with the conditions of the probation, the Dean may dismiss him from college; but any student thus dismissed has the right of an appeal through the Dean to the faculty.

EXAMINATIONS

At the close of the first half-year the students are examined upon the work of that half-year, and at the end of the year upon the work of the second half-year. These examinations

cannot be taken before the times appointed by the faculty. Students who by reason of illness are excused from these examinations, and students who fail to pass them, are examined at such times as the faculty may appoint.

DEGREES

Bachelor of Arts.—The degree of Bachelor of Arts is conferred by vote of the trustees at the annual Commencement upon students who have completed a full four years' course to the satisfaction of the faculty, have paid their dues to the Treasurer, and have returned all books belonging to the library; but the degrees may be forfeited by misconduct at any time previous to the close of the Commencement exercises.

Master of Arts.—The degree of Master of Arts will be conferred upon graduates of this college, or of any college which grants the Bachelor's degree under similar or equivalent conditions, who have spent one year in residence at this college pursuing two approved courses of study in different departments, the total work being equal to that of a college year, and who have passed satisfactory examinations on both subjects and have prepared a satisfactory thesis.

The degree will be conferred upon graduates of this college, who have spent one year in residence at any educational or scientific institution engaged in non-professional study, and, who, having been registered at this college as candidates for the degree not less than a college year, have fulfilled the conditions regarding courses of study, examination, and thesis specified in the preceding paragraph.

The degree will be conferred upon graduates of this college, not earlier than three years after their graduation, who, not having been in residence, but having been registered at this college as candidates for the degree not less than two years, have fulfilled the conditions with regard to courses of study, examination, and thesis specified in the first paragraph.

Each candidate for this degree must register his name, address and course of study with the Secretary of the Faculty,

not later than the fifteenth of October of the year for which he desires registration. Blank forms for registration may be obtained upon application. This registration must be renewed each year for which the applicant desires to be considered a candidate. A registration fee of five dollars must be paid at the time of the first registration.

Each candidate must submit two courses of study, not in the same department. These courses must meet the approval of the professors to whose departments they are related, and of the faculty committee on graduate students (consisting for the present year of the Dean of the Faculty and Professor Hewitt). Of these courses one, to be known as the major course, must be equivalent to at least two-thirds of the work of a college year, and the other, to be known as the minor course, must be equivalent to at least one-third of the work of a college year.

The thesis required of each candidate must be a subject related to the major course of study. It must be submitted not later than the fifteenth of May of the year in which the candidate desires to be examined, and must meet the approval of the professor to whose department it is related and of the faculty committee on graduate students. A copy of the thesis, printed or typewritten on paper of the size usually used in a typewriter, must be deposited in the college library.

In addition to the registration fee, a charge of twenty dollars will be made for the examinations, and must be paid at the time the examinations are taken. No further charge will be made for a diploma.

Candidates in residence who desire instruction will be charged forty dollars for each course in addition to the prescribed fees for registration and examination. This will entitle them to one weekly period of instruction in each course. An additional charge may be made for the use of laboratory apparatus.

Successful candidates for the degree are expected to be present at the time the degrees are conferred unless previously excused by the President.

RECORDS AND REPORTS

A report of scholarship and conduct is made to every student's parent or guardian at the close of each half-year, and at such other times as the faculty may deem expedient. A permanent record is also kept of each student's scholarship, and by this record his final rank is determined.

PUBLIC WORSHIP

Prayers are held every week-day morning and Sunday evening, at which all students are required to be present.

Religious services are held on Sunday in the College Chapel, and the attendance of all students is required. Members of other churches may be excused at the request of their parents or guardians to attend the services of their own denominations.

The preachers for the year, not connected with the college, have been Rev. Dr. Vincent of the Union Theological Seminary; Rev. C. H. Baldwin of Amsterdam, N. Y.; Rev. Dr. Rowlands of Lincoln, Neb.; Rev. Dr. Lyman Abbott of Brooklyn, N. Y.; Rev. H. P. Dewey of Concord, N. H.; Rev. Dr. Riggs of Auburn Theological Seminary; Rev. Dr. Lyman of Brooklyn, N. Y.; Rev. George W. Judson of Orange; Rev. Dr. Johnson of Albany, N. Y.; Rev. Dr. Richards of Plainfield, N. J.; Rev. Dr. Pattison of Rochester Theological Seminary; Rev. George T. Smart of Manchester, Vt.; Rev. C. B. F. Pease of West Troy, N. Y.; Rev. Paul van Dyke of Northampton; Rev. Dr. Butler of Colby University; Rev. Doremus Scudder of Woburn; Rev. William R. Campbell of Roxbury; Rev. Dr. Meredith of Brooklyn, N. Y.; Rev. Dr. Terrett of Hamilton College; Rev. Dr. Davis of Pittsfield; Rev. G. G. Atkins of Greenfield; Rev. W. G. Puddefoot of South Framingham; Rev. Dr. Denison of Williamstown; Rev. Dr. Dana of Philadelphia, Pa.; Rev. Dr. Ryder of Andover Theological Seminary; Rev. F. L. Goodspeed of Springfield; Rev. Dr. Stryker of Hamilton College; Rev. Dr. J. Sparhawk Jones of Philadelphia, Pa.; Rev. Dr. C. C. Hall of Union Theological Seminary. Rev. Dr. Lyman, who oc-

cupied the college pulpit early in the year, visited the college later at the time of the Day of Prayer in January, staying three or four days here. The visit awakened great interest among our more thoughtful students, and the memory of his tender and inspiring addresses and conversations will remain with many through the coming years.

ALUMNI VISITORS

A committee is chosen by the Associated Alumni to visit the college at stated times, and to make an annual report. This committee consists at present of the following gentlemen :

(until Commencement, 1899)

Charles F. Underwood, M.D., of Newark, N. J., class of '71,
Henry S. Patterson, B.A., of New York City, class of '96 ;

(until Commencement, 1900)

John Tatlock, Jr. M.A., of New York City, class of '82,
The Rev. William M. Grosvenor, B.A., of New York City,
class of '85.

PRIZES

BENEDICT PRIZES

The late Hon. Erastus C. Benedict, of the class of 1821, formerly an instructor in the college, established seven first prizes of twenty-five dollars each, which may be awarded annually for excellence in the following departments : Latin, Greek, French, German, Mathematics, Natural History, and History ; seven second prizes of fifteen dollars each, which may be awarded in the same departments.

He also founded a prize of twenty-five dollars, to be given annually to that member of the college who, at the close of each college year, shall be found to have received the largest number of prizes.* Honorable mention is here counted as a prize. In case of a tie, the relative grades of the prizes will be taken into account, and honorable mention in Latin or Greek and a Rice book prize will not both be counted.

* For the present an additional sum of \$75.00 will be given each year by a friend of the college to increase this prize to \$100.00.

VAN VECHTEN PRIZE

A prize, amounting to seventy dollars, established by A. V. W. Van Vechten, Esq., of the class of 1847, may be awarded for extemporaneous speaking. The assignment of this prize will be made by a committee of the faculty on the basis of a public competition.

GRAVES PRIZES

Arthur B. Graves, Esq., of the class of 1858, founded seven prizes, amounting to two hundred dollars, which may be awarded as follows : Six prizes of twenty dollars each for the best six essays prepared by members of the Senior class, on subjects assigned by the faculty ; and one prize of eighty dollars to the student who shall deliver his essay in the most effective manner before a public audience.

RHETORICAL PRIZES

On the evening before Commencement, ten speakers, appointed equally from the Junior and Sophomore classes, deliver original orations in competition for five prizes. The income of two thousand dollars, a part of which was given by Elizur Smith, Esq., of Lee, is appropriated for these prizes.

The trustees of the college offer two prizes of twenty dollars and ten dollars respectively to members of the Freshman class for excellence in declamation.

RICE PRIZES

The income of five thousand dollars, left to the college by the late James Lathrop Rice, Esq., is by his will appropriated to the encouragement of Latin and Greek scholarship. Of this income sixty dollars may be awarded at Commencement of each year to that member of the Senior class who shall have shown the fullest and most accurate knowledge of certain Latin classics ; and forty dollars to the member of the same class who shall have attained the second rank in the knowledge of the same authors ; sixty dollars may be awarded at the same time to the member of the Senior class who shall have shown

the fullest and most accurate knowledge of certain Greek classics ; and forty dollars to the member of that class who shall have attained the second rank in the knowledge of the authors in question. The same student may compete for the prizes in both departments, but no prize will be assigned to a student who has not pursued the subject as an elective during both the Junior and Senior years.

DEWEY PRIZE

The late Hon. Francis Henshaw Dewey founded a prize of fifty dollars to be awarded to the member of the graduating class who presents the most creditable oration in point of composition and delivery at Commencement exercises.

LATHERS GOLD MEDAL

The income of a fund of one thousand dollars, received from Col. Richard Lathers, is to be used each year for the making of the Lathers gold medal from a mould or die, for the manufacture of which Colonel Lathers gave an additional sum of one hundred dollars. This medal will be offered in competition to all members of the Senior class who hand to the Secretary of the Faculty on or before the first day of March preceding their graduation, a written essay of not less than one thousand words on "The Duties of Christian Men in Relation to Government," and will be assigned to that writer whose essay has been pronounced by a committee of the faculty to be most worthy of publication. The essay selected shall then be sent by the Secretary of the Faculty to the *Springfield Republican* and to a journal published in Pittsfield, with the request that it may appear in a near issue of these newspapers. In case no one of the competing essays has been adjudged worthy of publication, no medal for that year shall be awarded.

ADELPHIC UNION PRIZE DEBATE

A public debate is held Commencement week between three members of the Philologian and three of the Philotechnian societies. The generosity of an alumnus of the college provides

for this contest three prizes of twenty-five dollars, fifteen dollars, and ten dollars respectively.

FRANKLIN STORY CONANT PRIZE IN BIOLOGY

This prize, which yields twenty-five dollars annually, has been founded by the Class of 1893, in memory of their deceased classmate, whose name it bears. The award of this prize is made upon the recommendation of the Professor of Natural History, to that member of the Senior class, who in his judgment is best fitted to profit by advanced biological study. The money thus awarded will be used to pay the tuition fee of such student at the Marine Biological Laboratory, Woods Holl.

SCHOLARSHIPS

THE HORACE F. CLARK PRIZE SCHOLARSHIP

The Horace F. Clark Prize Scholarship, in the honor of Horace F. Clark, of the class of 1848, has been established under the provisions of the will of Madame Marie Louise Souberbeille, his daughter, and the income will be awarded as follows :

(1) *For the Freshman year* \$200, to be awarded to the member of the class regularly and faithfully participating in and duly completing the exercises and duties of that year, who upon admission to the college shall have passed a better examination than any other such member of the class.

The examination for this scholarship will be held in Williamstown, on the Tuesday and Wednesday preceding the opening of the college year in September.

(2) *For the Sophomore year* \$200, to be awarded to the member of the class regularly and faithfully participating in and duly completing the exercises and duties of that year who shall pass the best examination therefor, the sum to be paid at the end of the Sophomore year.

(3) *For the Junior year* \$200, to be awarded to the member of the class regularly and faithfully participating in and

duly completing the exercises and duties of that year, who shall pass the best examination therefor, the sum to be paid at the end of the Junior year.

(4) *For the Senior year \$400*, to be awarded to the member of the class regularly and faithfully participating in and duly completing the duties of that year, who shall pass the best examination therefor, and shall engage to pursue for one year at some educational or scientific institution a course of graduate study (non-professional) to be approved by the faculty, the sum to be paid one half at the end of the Senior year and one half at the close of such year of graduate study. Such graduate student must register his name, address, and course of study with the Secretary of the Faculty not later than the first of November, and must pass a satisfactory examination upon the work assigned. This examination will be held at Williamstown in June. No charge will be made for registration and examination.

The subjects for the examinations for the candidates from the Sophomore, Junior, and Senior classes are to be a major and a minor subject chosen from different departments of study, and must be submitted by the first of November each year to the committee of the faculty, consisting for the present year of Professors Hewitt, Fernald, and Mears.

HONOR SCHOLARSHIPS

Several Honor Scholarships of \$2,500.00 each have been founded by alumni and friends of the college, the income of which is awarded by the faculty to as many young men as there are scholarships, in order not only to afford pecuniary aid, but also to recognize successful scholarship.

The scholarships already endowed are as follows:

The Thomson Scholarship, founded by the late Charles H. Thomson, Esq., of New York.....	\$2,500.00
The J. Ruthven Adriance Memorial Scholarship.....	2,500.00
The Warren Scholarship, founded by the late Samuel D. Warren, Esq., of Boston.....	2,500.00
The Gilson Scholarship, founded by the late Prof. Charles F. Gilson.....	2,500.00
The Scholarship of the Class of 1867.....	2,500.00

SCHOLARSHIPS

The income of the endowments included in the appended list, amounting to over \$11,000 annually, is available for distribution at the discretion of the trustees among those students who are known to need aid, toward the payment of their college bills. This is given in scholarships to applicants who are candidates for the bachelor's degree.

(1) Applications must be made on the blank forms supplied by the Secretary of the Faculty. Each case will be considered by the committee on scholarships, consisting of the President and two members of the faculty.

Applications may be made at any time, but an early application is desirable on the part of prospective students who need assistance and wish to know in advance upon what they may depend.

Scholarships are not assigned to students in the special course or in the partial course.

(2) All promises of scholarships to students before their admission are provisional. If any conditions or deficiencies are standing against the candidate when the college year opens, his scholarship will thereby be forfeited.

(3) The stipend for Freshmen is uniformly at the rate of ninety dollars a year. After the Freshman year the stipends range from ninety to one hundred and fifty dollars, the amount being determined by the student's average standing in all his studies.

(4) After the first year scholarships will be confined to students whose averages for the previous year, or, in the case of the Sophomores, for the last term of the previous year, place them in grades A, B, or C. The values of the stipends in the different grades will be as follows :

Group 1.	Upper grade A, (95 per cent. or over)	.	.	.	\$150.00
" 2.	Lower " " (below 95 per cent.)	.	.	.	135.00
" 3.	Upper " B, (87 to 92 ")	.	.	.	120.00
" 4.	Lower " " (82 " 87 ")	.	.	.	105.00
" 5.	Grade C, (70 " 82 ")	.	.	.	90.00

(5) Any one of the following causes may prevent the consid-

eration of an application or cause the forfeiture, either wholly or in part, of a scholarship already awarded :

(a) Evidence satisfactory to the committee that the scholarship is no longer needed.

(b) Any serious misconduct. To the committee on scholarships a formal censure of a student by the faculty will be evidence, but not necessarily the only evidence, of such misconduct.

(c) Marked irregularity of attendance.

(d) Indulgence in intoxicating liquors.

(e) Expensive habits. It will be considered an expensive habit to board elsewhere than at College Hall or to lodge elsewhere than in one of the low-priced college rooms unless the student can show that his expenses are not thereby increased.

(f) A failure on the part of a Freshman to reach fifty per cent. for the half-year* in any major subject, or a general average of less than sixty-five per cent. in all subjects, will cancel his scholarship for the following half-year.

But a general average of seventy per cent., or grade C, is required for the last half of the Freshman year, and for every subsequent half-year of the course in order to avoid the forfeiture of a scholarship.

A scholarship may be restored after the lapse of one half-year, if there is no longer any cause of forfeiture, but no allowance will be made for the half-year which has been lost.

When a scholarship has been twice forfeited, it cannot be recovered.

Beginning with the class of 1902, a new application, made out on the form provided for the purpose, must be filed on or before the first of June by all students in college who require scholarships for the coming year, whether they are already on the scholarship list or not. The application must be signed by the student and by his father or guardian.

* For the present college year the stipend is paid at the beginning of the Fall, Winter, and Spring terms and the scholarship is forfeitable at the end of any term. (See catalogue for 1897-8.)

Thomas Thornton Read Scholarship	\$2,500.00
Francis Henshaw Dewey Scholarship	3,000.00
Henshaw Scholarship	3,000.00
Scholarship of the Class of 1851	2,500.00
Louisa F. Bartlett Scholarship	2,500.00
Homer Bartlett Scholarship	2,500.00
William Hyde Scholarship	2,500.00
Mrs. William Hyde Scholarship	2,500.00
Orrin Sage Scholarship	2,500.00
Miss Sarah R. Sage Scholarship	2,500.00
Hancock Scholarship	2,500.00
Olin White Geer Memorial Scholarship	2,500.00
Chadbourn Scholarship	2,500.00
Henry P. Brush Scholarship	2,375.00
Amos Lawrence Scholarship	2,000.00
Scholarship of the Class of 1852	1,808.00
Charles A. Dewey Scholarship	1,500.00
Scholarship of the Class of 1862	1,227.00
Abram B. Olin Scholarship	1,000.00
George H. Rosseter Scholarship	1,000.00
Newton Henry Rosseter Scholarship	1,000.00
Mrs. Charlotte Cone Scholarship	1,000.00
Charles Stoddard Scholarship	1,000.00
Emory Washburn Scholarship	1,000.00
Mrs. Sarah Woodhull Arms Scholarship	1,000.00
Cyrus Taggart Mills Scholarship	1,000.00
Charles Merriam Scholarship	550.00
J. Barker and Brothers Scholarship	500.00
W. W. Mason Scholarship	500.00
B. F. Bancroft Scholarship	500.00
Bela Peck Williams Scholarship	500.00
Thomas W. Williams Scholarship	500.00
Franklin M. Olds Fund	700.00
John Tatlock, Jr. Fund	500.00
Michael E. Driscoll Fund	1,000.00
Charles A. Heath Fund	500.00
Franklin B. Yates Fund	300.00
William Hilton Fund	17,500.00
	<hr/>
	\$154,884.49
Henry T. Morgan Fund	81,893.00
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Total	\$236,777.49

The use of the income of the bequest of the late Henry Titus Morgan, Esq., in assisting young men to secure an education, is in accordance with the preference expressed in his will, though it was not made mandatory. By vote of the trustees the income will be used, so far as may be necessary, to provide Henry T. Morgan Scholarships for the Freshman class.

The income of \$6,000, the gift of Ebenezer R. Goodnow of Charlemont, will also ultimately be devoted to scholarships.

EXPENSES

TREASURER'S BILLS

Tuition, \$52.50 per half-year *	. . . . .	\$105.00	\$105.00
Library . . . . .	. . . . .	4.50	4.50
Gymnasium . . . . .	. . . . .	3.00	3.00
Infirmary . . . . .	. . . . .	3.00	3.00
Room rent, \$3.75 to \$56.25 per half-year . . . . .	. . . . .	7.50	112.50
		<hr/>	<hr/>
		\$123.00	\$228.00

In addition to these items a fee is charged for the use of apparatus and materials in connection with the elective courses in architecture, biology, chemistry, and physics, namely, for the Junior courses in biology \$15, in chemistry \$15 and breakage, and in physics \$12; the charges for the Senior courses are \$15 in biology, \$25 and breakage in chemistry, and \$15 in physics and architecture. A small charge is made in each of these departments for the use of apparatus and materials in connection with the required courses. All fees mentioned in this paragraph are paid directly to the respective departments.

An additional charge of \$9 is made on the last term bill of the Seniors to cover the cost of the diploma, the general catalogue, and the alumni dinner.

Every student's bill is mailed to him at the beginning of each term, and he is held responsible for prompt payment, which is required in advance. In case any student fails to pay by the

* For this college year bills will be presented at the opening of the Fall, Winter, and Spring terms (see catalogue for 1897-8).

end of the second week of the term, he may be excluded from all college exercises.

Those students who, from choice or necessity, room in town, can obtain rooms at prices somewhat higher than the rates charged in college.

GENERAL EXPENSES

The following is an estimate of the necessary expenses for the college year :

Board, \$3.50 to \$6 per week, for 36 weeks	\$126.00	\$216.00
Washing	15.00	20.00
Fuel and light	8.00	18.00
	<hr/>	<hr/>
	\$149.00	\$254.00

To the above items must be added the expense of furnishing room, cost of text-books, and incidentals. The amount of incidental expenses will depend very much on the habits of the student. It is earnestly recommended that parents and guardians should not authorize their sons and wards to obtain credit in town.

Any special damage done by students to college property will be charged in their term bills.

Those who enter on an advanced standing, unless they come from another college, pay the following sums as entrance fees, viz. : Sophomores, \$10 ; Juniors, \$20 ; Seniors, \$30 ; and this rule is also applicable to partial course students.

COLLEGE HALL

The house known as College Hall was built and furnished by the friends of the college in order to reduce the price of board for students. It is expected that the price will not exceed \$3.50 per week. Bills will be presented monthly and must be promptly paid, or the penalty of exclusion may be applied.

Board can be obtained in private houses, or in clubs, at prices ranging from \$3.50 to \$6.00 per week.

COLLEGE ROOMS

The dormitories of the college accommodate in double rooms two hundred and fifty students. Each student supplies the furniture for his room. In Morgan Hall and College Hall the rooms are heated by steam and cared for by the college, and the prices quoted include charges for heat and service, and in Morgan Hall for the use of the bath-rooms. Service beyond the actual care of the rooms should be arranged for with the employees personally. The rooms in the other building are heated by stoves and cared for by the occupants. Students receiving beneficiary aid are expected to room in the older dormitories.

Morgan Hall has thirty-three double rooms (a study and two bedrooms), two triple rooms (a study and three bedrooms), and one single room. The common size of the study is 14 by 16. Each bedroom is 8 by 12. The yearly rental for each occupant is from \$72 to \$112.50.

College Hall has six double rooms (a study and one large bedroom), and two single rooms. Each room is 16 by 18. The yearly rental for each occupant is from \$60 to \$79.50.

The older buildings, Kellogg Hall, and East, South and West Colleges, have seventy-seven double rooms (a study and two small bedrooms, or one large one), and five single rooms. The size of the study is generally 12 by 16, and of the bedroom 7 by 9. The yearly rental for each occupant is from \$7.50 to \$30.

Early in May the rooms are rented for the ensuing year. The two occupants of any room can retain their room for the coming college year. One student can hold his half of a double room by securing a room-mate from his own class or from an upper class. The rooms not thus re-engaged are offered to the classes in the order of seniority.

The choice in each class is determined by lot, but no choice is given except to two members of the same class who have signified a desire to room together.

Students about to enter college, who wish rooms in the steam-heated buildings, should make early application to the

Registrar. To secure these rooms an obligation for the college year must be given and the first half-year's rent paid in advance. Rooms in the other buildings can be secured as soon as the student's entrance papers are accepted and the obligation for the year has been given. The superintendent of buildings will clean and repair the rooms for the entering class, and will furnish on application the definite dimensions of the rooms and other information relating to the condition of the rooms. All furniture should be sent to his care.

As the rooms are arranged for two occupants, it is very desirable that students about to enter college should secure their own room-mates before the college year opens. When this is not done, the men will be located in the order of their application.

Each student renting a college room must occupy it himself, no transfer of rooms being allowed. Each occupant will be held responsible for damage done to the room.

Students who leave college at the end of the college year, as well as those who are to change from one room to another, or from a college room to a private house or a society house, must remove all furniture and other property from their rooms within two weeks after Commencement day. Furniture not thus removed by the owner will be removed by the college employees and stored at the owner's expense. This expense will be collected of students who leave college when the property is taken away, but for other students it will be charged in the next term bill.

PRIZES AWARDED AT COMMENCEMENT, 1898

BENEDICT PRIZES

In Latin

FIRST PRIZE—Allen Howard Russell	Class of 1900
SECOND PRIZE—Charles Newman Hall	" " "
HONORABLE MENTION—Richard Brewster Chapman	" " "

In Greek

FIRST PRIZE—Charles Newman Hall	Class of 1900
SECOND PRIZE—Equally divided between Richard Brewster Chapman and Chester Dewey Stiles	" " "

In French

FIRST PRIZE—Not awarded	
SECOND PRIZE—Edward Francis Taylor	Class of 1899

In German

FIRST PRIZE—James Bissett Pratt	Class of 1898
SECOND PRIZE—Edward James Maroney	" " "
HONORABLE MENTION—Harry Hopkins Hubbell	" " "

In Mathematics

FIRST AND SECOND PRIZES—Equally divided between Tyler Eddy Gale and Fred Barnett Shoaff	Class of 1900
HONORABLE MENTION—Edwin Lawrence Page	" " "

In Natural History

FIRST PRIZE—George Gilmore Scott	Class of 1898
SECOND PRIZE—Claude Augustine Frink	" " "

In History

FIRST PRIZE—William Francis Walsh	Class of 1898
SECOND PRIZE—Harry Hopkins Hubbell	" " "

PRIZE FOR PRIZES

James Bissett Pratt	Class of 1898
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GRAVES PRIZES

For Essays—Class of 1898

Cornelius Murtoth Callahan
 William Henry Matthews
 Harry Dwight Nims

James Bissett Pratt
 Percival Henry Truman
 William Francis Walsh

For Excellence of Delivery

Harry Dwight Nims

RHETORICAL PRIZES

General Prize

Fred Wilder Cross Class of 1900

Junior Prizes

FIRST PRIZE—Irving Depew Wildey Class of 1899
 SECOND PRIZE—James Mandly Hills " " "

Sophomore Prizes

FIRST PRIZE—Boudinot Seeley, Jr. Class of 1900
 SECOND PRIZE—George Power Merrett " " "

VAN VECHTEN PRIZE

For Extemporaneous Speaking

James Bissett Pratt Class of 1898

TRUSTEES RHETORICAL PRIZES

For Excellence in Declamation—Class of 1901.

FIRST PRIZE—Charles Francis Park, Jr.
 SECOND PRIZE—William Henry Quirk.
 HONORABLE MENTION—Earl Franklin Drake.

PRIZES FOR ADELPHIC UNION DEBATE

FIRST PRIZE—Alonzo Edwin Branch Class of 1899
 SECOND PRIZE—Theodore Merrell Shipherd " " "
 THIRD PRIZE—Philip Marshall Brown " " 1898

DEWEY PRIZE

For Excellence in Commencement Exercises

James Bissett Pratt Class of 1898

RICE PRIZES

In Latin

FIRST PRIZE—James Frederick Bacon Class of 1898

SECOND PRIZE—Not awarded

In Greek

FIRST PRIZE—Harry Hopkins Hubbell Class of 1898

SECOND PRIZE—Not awarded

Book Prizes from the Rice Fund—Class of 1900.

Fred Wilder Cross

Arthur Coxe Patterson

Albert Hopkins

Charles Hill Seaver

Austin Dickinson Jenkins

Charles Clark Stillman

LATHERS GOLD MEDAL

William Howard Doughty, Jr. Class of 1898

THE HORACE F. CLARK PRIZE SCHOLARSHIP

Edward James Maroney Class of 1898

Equally divided between Albert LeRoy Andrews and Ed-

mond Wood Billetdoux " " 1899

Richard Brewster Chapman " " 1900

* Lewis Squires " " 1901

HONOR SCHOLARSHIPS

J. RUTHVEN ADRIANCE SCHOLAR—Edmond Wood Billetdoux, Class of 1899

THOMSON SCHOLAR—Joel Hatheway Class of 1899

WARREN SCHOLAR—Charles Newman Hall Class of 1900

GILSON SCHOLAR—Edward Francis Taylor Class of 1899

CLASS OF 1867 SCHOLAR—Albert LeRoy Andrews Class of 1899

* Prepared at the Plainfield, N. J., High School.

APPOINTMENTS FOR COMMENCEMENT

CLASS OF 1898

Philosophical Orations

First Class

Harry Hopkins Hubbell
James Bissett Pratt (Valedictorian)

Second Class

Edward James Maroney
Henry Woodruff Titus

Orations

James Frederick Bacon
Clifford Campbell Haskins

Percival Henry Truman
Frederick Taylor Wood

Dissertations

First Class

Joseph William McConnell
William Henry Matthews
Albert Rowcliffe Moffit
Frederick Winslow Rust
George Gilmore Scott
William Francis Walsh

Second Class

George Barber Barrell
Cornelius Murtogh Callahan
Lawrence Riggs Howard
Roy Herbert Macumber
Olney Blanchard Mairs

DEGREES CONFERRED IN 1898

BACHELOR OF ARTS

Cecil Frederick Bacon
James Frederick Bacon
Samuel Alexander Baillie
Ernest Bamberger
George Barber Barrell
John Martin Bieler
John Ransom Bragdon
Philip Marshall Brown
James Thomas Buckley
Roy Clement Burr
Cornelius Murtoth Callahan
Gavin Archibald Campbell
Walter Albert Carr
Clinton Churchill Clarke, Jr.
Albert Roscoe Tenney Davis
Charles Henry Davis
George Edward Denman
William Howard Doughty, Jr.
Ralph Walton Dunbar
Herman White Fifer
Charles William Floyd
Claude Augustine Frink
Charles William Gamwell
Mathew Addison Graff
Elwin Arthur Graves
Allen Hamilton, 2d
Clifford Campbell Haskins
Lawrence Riggs Howard
Harry Hopkins Hubbell

Elmore Edward Hutchinson
George Peck Ide, Jr.
John Henry Lotz
Joseph William McConnell
William Dolphin McGuire, Jr.
Roy Herbert Macumber
Olney Blanchard Mairs
Edward James Maroney
William Henry Matthews
Albert Rowcliffe Moffit
Fred Beebe Newman
Harry Dwight Nims
Guy Hinchman Noble
Charles Percy Parkhurst
Lewis Perry
James Bissett Pratt
William Thomas Quinn
George Payson Rowell
Frederick Winslow Rust
George Gilmore Scott
John Henry Thorpe
Henry Woodruff Titus
Rossiter Blake Towle
Percival Henry Truman
Arthur Clements Twitchell
William Francis Walsh
Paul Harrison Waterman
Frederic Taylor Wood
Ray Palmer Woodin

MASTER OF ARTS

Dalton Hiram Blanchard
Robert Francis Cheney
James Ray Craighead
Winterton Conway Curtis
Lewis Arthur Morrow
Karl Ephraim Weston
Frank Marion Williams

HONORARY DEGREES**DOCTOR OF DIVINITY**

Reverend Robert Ellis Jones
Reverend William Edgar Roe
Reverend Paul van Dyke

DOCTOR OF LAWS

William Ball Gilbert
Edwin Stewart

MASTER OF ARTS

Samuel Johnson
Charles Sedgwick Rackemann

STUDENTS

CANDIDATES FOR THE DEGREE OF MASTER OF ARTS

Elbridge Lapham Adams, B.A., 1887, Rochester, N. Y.
English, History

Winfred Howard Babbitt, B.A., 1895, Honolulu, H. I.
Latin, Political Science

Walter Andrew Bratton, B.A., 1895, Walla Walla, Wash.
Mathematics, Astronomy

Robert Allyn Budington, B.A., 1896, Williamstown
Biology, English

John Potter Congdon, B.A., 1895, Easton, Pa.
Physics, Mathematics

Clifford Henry Coon, B.A., 1897, Saxton's River, Vt.
English, Biology

William Rickcords Folsom, B.A., 1896, Chicago, Ill.
History, English

Gardner Cotrell Leonard, B.A., 1887, Albany, N. Y.
History, Sociology

Edward Morgan Lewis, B.A., 1896, Cambridge
English

George Morton Lightfoot, B.A., 1891, Washington, D. C.
Latin, German

Stephen Tracy Livingston, B.A., 1887, Williamstown
English, History

Walter Horton Main, B.A., 1895, Troy, N. Y.
English, Philosophy

Edward James Maroney, B.A., 1898, Cambridge
Political Science, English

Frederick William Memmott, B.A., 1895, North Adams
English

Arthur Guy Merrill, B.A., 1894, Amsterdam, N. Y.

German, French

Roy Waldo Miner, B.A., 1897, New York City

Philosophy, Biology

Lewis Gould Rogers, B.A., 1883, Buffalo, N. Y.

History, German

George Gilmore Scott, B.A., 1898, Williamstown

Biology, Philosophy

Willard Dean Shannahan, B.A., 1896, New Rochelle, N. Y.

History, Italian

Paysn Sibley Wild, B.A., 1891, Chicago, Ill.

German, Greek

GRADUATE STUDENTS, 20

CANDIDATES FOR THE DEGREE OF BACHELOR OF ARTS

The names of candidates deficient in one or more courses are placed at the end of their respective classes.

SENIOR CLASS

Albert LeRoy Andrews	<i>Williamstown</i>	6 W. C.
George Hanford Ansley	<i>Salamanca, N. Y.</i>	Φ. Δ. Θ. House
Fred Reuel Baker	<i>Bloomington, Ill.</i>	Φ. Δ. Θ. House
John Barker	<i>Pittsfield</i>	Δ. K. E. House
William Henry Beattie	<i>Cohoes, N. Y.</i>	Θ. Δ. X. House
Edmond Wood Billetdoux	<i>North Adams</i>	10 S. C.
Paul Nebeker Bogart	<i>Clinton, Ind.</i>	Mr. Towne's
Edward Rice Bolton	<i>Geneseo, N. Y.</i>	Δ. Γ. House
Alonzo Edwin Branch	<i>Malden</i>	4 K. H.
Edwin Morgan Brookfield	<i>New York City</i>	Δ. Ψ. Lodge
Fred LeRoy Brown	<i>Troy, N. Y.</i>	Library
Samuel Brown	<i>Greenwich, N. Y.</i>	Chemical Laboratory
Frank John Bruno	<i>Newark, N. J.</i>	3 S. C.
Guy Toland Butler	<i>London, O.</i>	Mr. Simonds's
Lawrence Whitney Carr	<i>Ashby</i>	8 W. C.
Ralph Starkweather Chandler	<i>Macomb, Ill.</i>	Θ. Δ. X. House

Onslow Wilberforce Comstock	<i>Charlestown</i>	Chapel
Henry Rutgers Conger	<i>New York City</i>	Σ . Φ . Place
Horace Cottrell	<i>Hoosick Falls, N. Y.</i>	4 K. H.
William Henderson Davidson	<i>Cohoes, N. Y.</i>	3 W. C.
Edward Crosby Doughty	<i>Troy, N. Y.</i>	K. Δ . Lodge
George Centennial Douglass	<i>Granville, N. Y.</i>	3 W. C.
Leo Kimball Eaton	<i>Oshkosh, Wis.</i>	Δ . K. E. House
Alexander Diven Falck	<i>Elmira, N. Y.</i>	K. Δ . Lodge
Daniel Fitts, Jr.	<i>Haverhill</i>	Φ . Δ . Θ . House
Walter Eugene Foster	<i>Orange</i>	8 E. C.
Robbins Gilman	<i>Yonkers, N. Y.</i>	K. Δ . Lodge
Thomas Pim Goodbody	<i>Haledon, N. J.</i>	X. Ψ . Lodge
Grosvenor Grannis	<i>Sing Sing, N. Y.</i>	Σ . Φ . Place
Joseph Ambrose Hall	<i>Brookline</i>	Δ . Δ . Φ . House
Joel Hatheway	<i>Peru</i>	30 W. C.
Alexander Henderson	<i>Brookline</i>	Δ . Ψ . Lodge
Rufus Percival Hibbard	<i>Gloucester</i>	11 S. C.
Llewellyn Judson Howe	<i>Troy, N. Y.</i>	16 E. C.
John Gale Hun	<i>Albany, N. Y.</i>	K. Δ . Lodge
Stewart William Irwin	<i>West Hebron, N. Y.</i>	30 W. C.
Romeyn Buckbee Jansen	<i>Fonda, N. Y.</i>	Δ . K. E. House
Leland Potter Jenks	<i>Williamstown</i>	6 W. C.
Harold Eddy Johnston	<i>Cohoes, N. Y.</i>	Δ . Δ . Φ . House
Frederick Mensch Joiner	<i>Belvidere, N. J.</i>	21 E. C.
Sydney Tucker Jones	<i>Albany, N. Y.</i>	K. Δ . Lodge
John Russell Keeler	<i>Canton, N. Y.</i>	Z. Ψ . House
Walter Charles Kellogg	<i>Pittsfield</i>	Θ . Δ . X. House
Henry Bennett Leary	<i>Penn Yan, N. Y.</i>	X. Ψ . Lodge
Herbert Henry Lehman	<i>New York City</i>	32 M. H.
Orland White Mason	<i>Winchendon</i>	8 W. C.
Edward Abner May	<i>Lee</i>	21 E. C.
Henry Edwin Moffett	<i>Cleveland, O.</i>	Φ . Δ . Θ . House
Fancher Nicoll	<i>New York City</i>	Z. Ψ . House
John Saunders Oakman	<i>Pittsfield</i>	Mr. Sanford's
Herbert Lozene Packard	<i>West Cummington</i>	2 S. C.
Horace Dwight Patterson	<i>New York City</i>	X. Ψ . Lodge

Sidney Fawcett Pattison	<i>Rochester, N. Y.</i>	7 K. H.
Frederick Rawcliffe	<i>Taunton</i>	11 S. C.
Paul Marshall Rea	<i>Exeter, N. H.</i>	8 E. C.
James Thomas Reardon	<i>Holyoke</i>	Mr. Smith's
Richard Ashley Rice	<i>Williamstown</i>	Prof. Rice's
Albert Ambrose Richards	<i>West Winsted, Conn.</i>	16 E. C.
Elmore Preston Ross	<i>Springfield, O.</i>	Σ . Φ . Place
William Wickes Rossiter, Jr.	<i>Brooklyn, N. Y.</i>	Δ . Ψ . Lodge
Harry Haynes Rowland	<i>Geneseo, N. Y.</i>	Θ . Δ . X. House
Jacques Cortelyou Rushmore	<i>Brooklyn, N. Y.</i>	Δ . Ψ . Lodge
William McMurtrie Rutter	<i>Chicago, Ill.</i>	Σ . Φ . Place
Walter Leslie Sargent	<i>Quincy</i>	17 E. C.
George Demarest Sears	<i>Buffalo, N. Y.</i>	Z. Ψ . House
Norman Burt Sherry	<i>Troy, N. Y.</i>	A. Δ . Φ . House
Theodore Merrell Shipherd	<i>Southold, N. Y.</i>	17 E. C.
Harold Thomson Sloper	<i>New Britain, Conn.</i>	Δ . K. E. House
Deane Culver Smith	<i>New York City</i>	Φ . Δ . Θ . House
Dana Levi Spring	<i>Franklinville, N. Y.</i>	Z. Ψ . House
John Hunter Stearns	<i>Chicago, Ill.</i>	Σ . Φ . Place
Edward Francis Taylor	<i>Brooklyn, N. Y.</i>	9 W. C.
Henry Church Taylor	<i>Westfield</i>	Θ . Δ . X. House
Edward Richmond Tinker, Jr.	<i>Boston</i>	Δ . Ψ . Lodge
Edwin Kellogg Trowbridge	<i>New York City</i>	Δ . Ψ . Lodge
Harvey Judson Vary	<i>Skaneateles, N. Y.</i>	Φ . Δ . Θ . House
Adelbert Seymour Watson	<i>Cohoes, N. Y.</i>	10 S. C'
Charles Thomas Whelan	<i>Auburn, N. Y.</i>	Mrs. Whelans'
Marcus Wilbur White	<i>Williamstown</i>	Mr. White's
Edwin Haight Whitehead	<i>Passaic, N. J.</i>	7 W. C.
Henry Clarence Whitehead	<i>Passaic, N. J.</i>	7 W. C.
Arthur Lawrence Whitely	<i>Evanston, Ill.</i>	Δ . Υ . House
Edward Lyman Wilder	<i>Hoosick Falls, N. Y.</i>	3 S. C.
Irving Depew Wildey	<i>Albany, N. Y.</i>	9 S. C.
Ralph Lilly Wood	<i>Lansingburgh, N. Y.</i>	9 W. C.
James Mandly Hills	<i>Brooklyn, N. Y.</i>	Δ . K. E. House

JUNIOR CLASS

William Chapman Abbott	<i>Stamford, Vt.</i>	8 S. C.
Henry Mott Allen	<i>Auburn, N. Y.</i>	20 M. H.
Edward Michael Anderson	<i>Auburn, N. Y.</i>	13 E. C.
James Joseph Anderson	<i>Auburn, N. Y.</i>	13 E. C.
Michael Francis Black	<i>Williamstown</i>	Mr. Neyland's
James Wilson Boyd	<i>Danbury, Conn.</i>	16 S. C.
John Bray	<i>Middleport, N. Y.</i>	26 W. C.
Alfred Dudley Britton	<i>Brooklyn, N. Y.</i>	Z. Ψ . House
Harrison Morgan Brown	<i>Winchester, Va.</i>	17 W. C.
George Parker Campbell	<i>Rutland</i>	24 E. C.
Richard Brewster Chapman	<i>Ogdensburg, N. Y.</i>	14 C. H.
William Rowe Conklin	<i>New York City</i>	Mr. Noel's
Roswell Doty Cooper	<i>Little Falls, N. Y.</i>	Z. Ψ . House
Fred Wilder Cross	<i>South Royalston</i>	3 E. C.
John Asa De Camp	<i>Tuscorora, N. Y.</i>	11 K. H.
Hobert Cutler Dickinson	<i>Whately</i>	17 S. C.
John Athanasius Djerf	<i>New York City</i>	14 E. C.
Louis LeGrand Draper	<i>Lansingburgh, N. Y.</i>	Mr. Graves's
Philip Richards Dunbar	<i>Brookline</i>	11 K. H.
Franklin Boyd Edwards	<i>Lisle, N. Y.</i>	Z. Ψ . House
William James Ferguson	<i>Princeville, Ill.</i>	10 K. H.
Tyler Eddy Gale	<i>Worcester</i>	22 E. C.
Russell Cabot Gibbs	<i>Newtonville</i>	Θ . Δ . X. House
Charles Newman Hall	<i>Brooklyn, N. Y.</i>	24 W. C.
Daniel Crosby Hammatt	<i>Topeka, Kan.</i>	K. A. Lodge
Harry Pierson Hammond	<i>Brooklyn, N. Y.</i>	24 W. C.
Arthur Foster Hebard	<i>Brooklyn, N. Y.</i>	Z. Ψ . House
Clarence West Hodges	<i>Randolph, Vt.</i>	11 W. C.
Albert Hopkins	<i>Kansas City, Mo.</i>	A. Δ . Φ . House
Wolcott Julius Humphrey	<i>Warsaw, N. Y.</i>	Z. Ψ . House
George Herbert Huntington	<i>Milton</i>	Θ . Δ . X. House
Francis Sessions Hutchins	<i>Columbus, O.</i>	7 K. H.
Austin Dickinson Jenkins	<i>Portland, Me.</i>	A. Δ . Φ . House
Jacob Klemann, Jr.	<i>New York City</i>	32 W. C.
Dwight Ralston Little	<i>Sheffield</i>	23 E. C.

Kenneth Lord	<i>Brooklyn, N. Y.</i>	Σ . Φ . Place
Herbert Rowe Mather	<i>Brooklyn, N. Y.</i>	21 M. H.
George Power Merrett	<i>London, Eng.</i>	Mrs. S. J. Kellogg's
Samuel Lewis Motter	<i>Frederick, Md.</i>	26 W. C.
Kenneth Mygatt	<i>New York City</i>	33 M. H.
Elwin Lawrence Page	<i>Concord, N. H.</i>	22 E. C.
Arthur Coxe Patterson	<i>New York City</i>	Mr. Sedgwick's
Laurence Worthington Pierce	<i>Boston</i>	17 C. H.
William Beaumont Putney, Jr.	<i>New York City</i>	Θ . Δ . X. House
George Holmes Read	<i>Fall River</i>	17 S. C.
Allen Howard Russell	<i>Williamstown</i>	Mr. Russell's
Pierce Hubbard Russell	<i>Troy, N. Y.</i>	11 W. C.
Rhea Barton Rutter	<i>Chicago, Ill.</i>	Σ . Φ . Place
Truman Laurance Saunders	<i>Williamstown</i>	Mrs. Saunders'
Charles Hill Seaver	<i>Wyoming, N. Y.</i>	6 K. H.
Robert Chauncey Seaver	<i>Brookline</i>	31 M. H.
Boudinot Seeley, Jr.	<i>Portland, Ore.</i>	13 W. C.
Fred Barnett Shoaff	<i>Fort Wayne, Ind.</i>	Mr. Sedgwick's
Lawrence Henry Smith	<i>Le Roy, N. Y.</i>	21 M. H.
Dering Jay Sprague	<i>Salem, N. Y.</i>	5 K. H.
Charles Anthony Squires	<i>Plainfield, N. J.</i>	18 M. H.
Fred Squires	<i>Plainfield, N. J.</i>	18 M. H.
Chester Dewey Stiles	<i>Westfield</i>	23 E. C.
Charles Clark Stillman	<i>Troy, N. Y.</i>	14 E. C.
Charles Nowell Stoddard	<i>Greenfield</i>	Mr. Noel's
Elijah Kent Swift	<i>Eau Claire, Wis.</i>	Z. Ψ . House
Wilbur Ward	<i>Bloomfield, N. J.</i>	Δ . Υ . House
William Richard Warren	<i>Key West, Fla.</i>	6 E. C.
Sydney Hall Wentworth	<i>Spokane, Wash.</i>	13 K. H.
Richard Ferdinand Williams	<i>New York City</i>	Mrs. Wardwell's
John P. Wilson, Jr.	<i>Chicago, Ill.</i>	A. Δ . Φ . House
Edgar Hunt Woodward	<i>Morristown, N. J.</i>	Δ . K. E. House
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Charles Hume Baldwin, Jr.	<i>Des Moines, Iowa</i>	A. Δ . Φ . House
Robert Clifford Black, Jr.	<i>Pelham Manor, N. Y.</i>	A. Δ . Φ . House
George Montgomery Chadwell	<i>Williamstown</i>	17 W. C.

Randolph Foster Clark	<i>Fort Edward, N. Y.</i>	1 K. H.
Marion Green Cole	<i>Hoosick Falls, N. Y.</i>	19 E. C.
James Boyd Coxe	<i>Toledo, O.</i>	Mrs. Saunders'
Francis Jenkins Danforth	<i>New York City</i>	Mr. Graves's
James Hiram Foster	<i>New Britain, Conn.</i>	X. Ψ. Lodge
Charles Fisher Hepburn	<i>New York City</i>	34 M. H.
Charles Denison Makepeace	<i>West Barnstable</i>	34 M. H.
Thomas Harold Morrison	<i>Smethport, Pa.</i>	Mr. Noel's
William Caldwell Plunkett	<i>Adams</i>	K. A. Lodge
James Barbour Richardson	<i>New York City</i>	Δ. Γ. House
William Howard Richardson	<i>Glendale, O.</i>	2 E. C.
Edwin Everett Risley	<i>Utica, N. Y.</i>	X. Ψ. Lodge
Mark Homer Rogers	<i>Allston</i>	Δ. Γ. House
Elmer Irwin Shepard	<i>Winona, Minn.</i>	12 K. H.
James Owen Tryon	<i>Athens, N. Y.</i>	K. A. Lodge
William Rensselaer Williams	<i>Peacham, Vt.</i>	1 E. C.

JUNIORS, 86

SOPHOMORE CLASS

Dana Tarbell Ackerly	<i>Olean, N. Y.</i>	22 M. H.
Alfred Churchill Baker	<i>Schaghticoke, N. Y.</i>	7 E. C.
Quincy Bent	<i>Overbrook, Pa.</i>	Mr. Gavitt's
John Mathews Birnie	<i>Springfield</i>	8 M. H.
Richard Porter Bloom	<i>Auburn, N. Y.</i>	5 W. C.
Edward Thomas Broadhurst	<i>Springfield</i>	16 M. H.
Henry Dwight Brooks	<i>Westfield</i>	17 M. H.
Harold Chapman Brown	<i>Springfield</i>	Φ. Δ. Θ. House
Sylvester Fay Carr	<i>Pavilion, N. Y.</i>	23 M. H.
Paul DeWitt Caskey	<i>Cleveland, O.</i>	6 M. H.
George Vilasco Chandler	<i>Macomb, Ill.</i>	Θ. Δ. X. House
Myron Nathaniel Clark	<i>Salisbury, Conn.</i>	7 E. C.
Frank Herbert Clarke	<i>Topsfield</i>	3 E. C.
John Augustus Cleveland	<i>Pittsford, N. Y.</i>	18 E. C.
George Evans Cullinan	<i>Geneseo, N. Y.</i>	3 K. H.
Albert Milton Curtiss	<i>Cleveland, O.</i>	6 M. H.
Charles Milton Davenport	<i>Leyden</i>	17 M. H.

Marion Francis Dolph	<i>Portland, Ore.</i>	Θ. Δ. X. House
Earl Franklin Drake	<i>Chicago, Ill.</i>	11 M. H.
George Earl Edmunds	<i>Holley, N.Y.</i>	9 E. C.
Wilbur Byron Fryer	<i>Middle Falls, N. Y.</i>	21 W. C.
Edward Stuart Goldthwait	<i>Springfield</i>	Δ. K. E. House
Arthur Lawson Goodwillie	<i>Chicago, Ill.</i>	5 M. H.
Stanley Fisher Gutelius	<i>Moscow, N. Y.</i>	12 W. C.
Frederick Parker Hart	<i>Detroit, Mich.</i>	X. Ψ. Lodge
Burt Andrew Hayner	<i>Reynales Basin, N. Y.</i>	9 E. C.
Whiteside Hill, 2d	<i>Greenwich, N. Y.</i>	24 E. C.
Bayard Bristol Holmes	<i>Chicago, Ill.</i>	14 S. C.
George Leland Horton	<i>Troy, N. Y.</i>	Δ. Γ. House
Lydiard Heneage Horton	<i>Yonkers, N. Y.</i>	X. Ψ. Lodge
Archibald Lawrence Hoyne	<i>Chicago, Ill.</i>	23 M. H.
Charles Frederick Hunter	<i>Mellenville, N. Y.</i>	2 K. H.
Edward Knight Judd	<i>Troy, N. Y.</i>	4 S. C.
William George Kanter	<i>Detroit, Mich.</i>	Δ. Γ. House
William MacNair Kittredge	<i>Geneseo, N. Y.</i>	12 W. C.
William Kingsbury Lane	<i>Norwich, Conn.</i>	15 W. C.
Francis Owen Lathrop	<i>Fall River</i>	Σ. Φ. Place
Paul Leggett	<i>Nyack, N. Y.</i>	14 S. C.
Harlow Solomon George Loveless	<i>Wolcott, N. Y.</i>	1 W. C.
Stanley Lydecker	<i>Upper Red Hook, N. Y.</i>	13 S. C.
Dwight Willison Marvin	<i>Philadelphia, Pa.</i>	15 M. H.
Sumner Redway Mason, Jr.	<i>Groton</i>	1 W. C.
Harry Warren Mead	<i>Auburn, N. Y.</i>	20 M. H.
Anthony Martin Menkel	<i>New York City</i>	32 W. C.
William King Miller	<i>Philadelphia, Pa.</i>	15 M. H.
Howard Dwight Miner	<i>North Adams</i>	6 E. C.
Burnett Orion Moseley	<i>West Hoosick, N. Y.</i>	19 E. C.
Fred Leslie Newton	<i>Cazenovia, N. Y.</i>	4 S. C.
Charles French Osborn	<i>Fall River</i>	Mr. Towne's
Gregory Palmer	<i>Albany, N. Y.</i>	Δ. Ψ. Lodge
Charles Francis Park, Jr.	<i>Englewood, N. Y.</i>	7 M. H.
Norman Peck	<i>Indianapolis, Ind.</i>	Mr. Noel's
Paul Potter	<i>Worcester</i>	5 K. H.

William Henry Quirk	<i>Geneseo, N. Y.</i>	3 K. H.
William Rooney	<i>Ballston, N. Y.</i>	13 K. H.
Joseph Meeker Ross	<i>Dover, N. J.</i>	Mrs. Dodd's
Prentiss deVeuve Ross	<i>Dover, N. J.</i>	Mrs. Dodd's
William Peter Schell	<i>Harrisburg, Pa.</i>	9 M. H.
Carrol Carpenter Seeley	<i>Portland, Ore.</i>	13 W. C.
Wellington Bullard Smith	<i>Lee</i>	8 M. H.
John Winthrop Spooner, Jr.	<i>Hingham</i>	13 S. C.
Frederick William Spring	<i>Franklinville, N. Y.</i>	22 M. H.
Lewis Squires	<i>Plainfield, N. J.</i>	18 M. H.
Lawrence Edmunds Straw	<i>Carey, O.</i>	11 M. H.
Oscar Dickinson Street	<i>Lee</i>	1 E. C.
Ernest Salisbury Suffern	<i>Plainfield, N. J.</i>	5 E. C.
William Henry Timbie	<i>Pittsfield</i>	29 W. C.
William Burton Tuttle	<i>Syracuse, N. Y.</i>	Mrs. Wardwell's
John Phineas Upham	<i>St. Paul, Minn.</i>	Σ . Φ . Place
Guilford Morgan Wakelin	<i>Philadelphia, Pa.</i>	16 M. H.
James Knight Wardwell	<i>Williamstown</i>	Mrs. Wardwell's
Stanley Washburn	<i>Minneapolis, Minn.</i>	Δ . Ψ . Lodge
John Shourt Woodward	<i>Morristown, N. J.</i>	Δ . K. E. House

Ralph Wade Barnes	<i>Curtisville</i>	5 E. C.
Albert Van Voast Bensen, Jr.	<i>Albany, N. Y.</i>	7 M. H.
Dunbar Chaplin Brush	<i>Morristown, N. J.</i>	13 C. H.
Frederic Max Butler	<i>London, O.</i>	Mr. Simonds's
Stanley Mather Howe	<i>Chestnut Hill</i>	K. A. Lodge
John Clarkson Jay, Jr.	<i>New York City</i>	Mr. Gavitt's
Edward Calvin Patterson	<i>Brooklyn, N. Y.</i>	Mr. Sanford's
Henry Lee Powers	<i>Cleveland, O.</i>	9 K. H.
Frederick Pfeil Wolf	<i>Troy, N. Y.</i>	2 K. H.

SOPHOMORES, 82

FRESHMAN CLASS

Weber Hill Arkenburgh	<i>Great Barrington</i>	4 E. C.
Marcus Arthur Barnes	<i>Canaan, Conn.</i>	Mrs. Whelan's
Randolph Coe Barrett	<i>Bloomfield, N. J.</i>	5 C. H.
Arthur Francis Bassett	<i>Ware</i>	25 W. C.

Max Brombacher Berking	<i>Newark, N. J.</i>	1 M. H.
Lansing Bartlett Bloom	<i>Auburn, N. Y.</i>	5 W. C.
Walter James Boland	<i>Troy, N. Y.</i>	2 E. C.
Frank Seiders Brown	<i>Salmon Falls, N. H.</i>	26 M. H.
Arthur Wyman Carr	<i>Ashby</i>	31 W. C.
Edward Richards Clarke	<i>Naples, N. Y.</i>	6 C. H.
John Silas Cole, Jr.	<i>Hinsdale</i>	15 E. C.
Linus Judson Creegan	<i>Brooklyn, N. Y.</i>	2 M. H.
Paul Delafield Crocker	<i>Chicago, Ill.</i>	Mrs. Wardwell's
John Andrew Davis	<i>Ware</i>	25 W. C.
Winfield Haynes Dennett	<i>North Adams</i>	9 C. H.
Theodore Lynn Denton	<i>New Hampton, N. Y.</i>	30 M. H.
Bryan Ripley Dorr	<i>St. Paul, Minn.</i>	19 W. C.
Joseph Buell Ely	<i>Westfield</i>	14 M. H.
Paul Eliot Emerson	<i>Detroit, Mich.</i>	8 K. H.
William Everdell, Jr.	<i>Rutherford, N. J.</i>	1 M. H.
Harold Day Foster	<i>Auburndale</i>	23 W. C.
Herbert Suwarrow Gay	<i>Newark, N. J.</i>	36 M. H.
Elmer Alanson Green	<i>Brooklyn, N. Y.</i>	Mrs. Dodd's
George Smith Green	<i>Adams Centre, N. Y.</i>	18 E. C.
Chester Higbee Griggs	<i>St. Paul, Minn.</i>	13 M. H.
Edwin Vincent Guinan	<i>North Adams</i>	14 W. C.
Austin Morris Harmon	<i>Brockport, N. Y.</i>	11 E. C.
George Josiah Hatt, 2d	<i>Albany, N. Y.</i>	Mr. Sanford's
Stanley Cottrill Hauxhurst	<i>Milwaukee, Wis.</i>	28 M. H.
Rowland Haynes	<i>Worcester</i>	20 E. C.
James Walter Heffernan	<i>Housatonic</i>	2 W. C.
Philander Derby Hodgman	<i>Gardner</i>	28 M. H.
Harold Marcus Horton	<i>South Lancaster</i>	4 W. C.
Henry Nelson Horton	<i>South Lancaster</i>	4 W. C.
Willis Henry Hosmer	<i>Mason, N. H.</i>	27 W. C.
Edward Francis Hourahan	<i>North Adams</i>	14 W. C.
Lucius Warner Howe	<i>Gardner</i>	6 C. H.
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Joseph Walter Jeffrey	<i>Columbus, O.</i>	35 M. H.
Allen Barton Jones	<i>Schaghticoke, N. Y.</i>	4 E. C.

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George Lavern Leigh	<i>Clyde, N. Y.</i>	10 E. C.
Arthur Roy Leonard	<i>North Pomfret, Vt.</i>	12 S. C.
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Fielding Simmons	<i>Cleveland, O.</i>	9 M. H.
Laurence Slade	<i>New York City</i>	13 C. H.
Donald Pritchard Smith	<i>Allegheny, Pa.</i>	5 C. H.
George Leslie Smith	<i>Clyde, N. Y.</i>	10 E. C.
Harry James Smith	<i>Berlin, Conn.</i>	10 W. C.
Walter Philip Smith	<i>Montpelier, Vt.</i>	19 W. C.
Percy Franklin Spencer	<i>North Adams</i>	31 W. C.
William Leander Spencer	<i>North Adams</i>	16 W. C.
William Henry Stanley	<i>New York City</i>	Mrs. Wardwell's
Richard Steel	<i>Auburn, N. Y.</i>	22 W. C.
David Paul Taylor	<i>Aspen, Col.</i>	Mrs. Whelan's
Orwell Bradley Towne	<i>Saratoga Springs, N. Y.</i>	12 S. C.
Reginald Marshall Wentworth	<i>Pittsfield</i>	10 C. H.
Milford Wertheimer	<i>New York City</i>	4 M. H.
Stanley Herbert Wheelock	<i>Uxbridge</i>	36 M. H.
Frederick Petheram Wilbur	<i>Skaneateles, N. Y.</i>	22 W. C.

Homer Edwards Woodbridge	<i>Williamstown</i>	Dr. Woodbridge's
Edward Ralph Yarnelle	<i>Fort Wayne, Ind.</i>	35 M. H.
Frank Aaron Edson	<i>Duluth, Minn.</i>	12 E. C.
Harold Perry Erskine	<i>Racine, Wis.</i>	Duncan House
George Earle Holmes	<i>Ware</i>	28 W. C.
Dana Cheney Hyde	<i>Syracuse, N. Y.</i>	38 M. H.
Leo Kessel	<i>New York City</i>	4 M. H.
Ernest Foster Marsh	<i>Ware</i>	28 W. C.
Clifton Olds	<i>St. Paul, Minn.</i>	13 M. H.
Mortimer Fuller Smith	<i>Lynn</i>	29 M. H.
Frederick Bowen Wills	<i>Auburn, N. Y.</i>	23 W. C.
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PARTIAL COURSE STUDENTS

Warren Ulysses Chase Baton	<i>Whitinsville</i>	1 K. H.
Archer Fuller Breed	<i>Lynn</i>	37 M. H.
Homer Andrew Bushnell	<i>North Adams</i>	Mrs. Kemp's
Dudley Butler	<i>Madison, N. Y.</i>	33 M. H.
Charles Elmer Lewis Clark	<i>Newton Centre</i>	30 M. H.
Guy Russell Dennett	<i>North Adams</i>	Mr. Prindle's
Sidney Arthur Graves	<i>Brooklyn, N. Y.</i>	2 M. H.
Orville Reed Hagen	<i>Lansingburgh, N. Y.</i>	Θ. Δ. X. House
Tristram Burges Johnson	<i>New York City</i>	3 M. H.
Everton Jay Lawrence	<i>Norwalk, O.</i>	16 W. C.
Hugh Chisholm Leighton	<i>Portland, Me.</i>	26 M. H.
Joseph Martin McMahon	<i>Pittsfield</i>	15 E. C.
Allyn Ricker Marsh	<i>Springfield</i>	Δ. K. E. House
Albert Warren Nason	<i>Springfield</i>	Α. Δ. Φ. House
Albert Ransom Parker	<i>Ogdensburg, N. Y.</i>	14 C. H.
Harry Lockwood Ransom	<i>Lockport, N. Y.</i>	5 M. H.
Earl Daniel Sprague	<i>Bridgeport, Conn.</i>	18 C. H.
Isaac Henry Vrooman, Jr.	<i>Albany, N. Y.</i>	32 M. H.
Stephen Noyes Wager	<i>Lansingburgh, N. Y.</i>	Mrs. Whelan's
Edward Gay Wasey	<i>Detroit, Mich.</i>	12 E. C.
Bertrand Lawrence Wells	<i>Syracuse, N. Y.</i>	38 M. H.
Reginald Grant White	<i>Cooperstown, N. Y.</i>	25 M. H.

J. Randall Williams, Jr.*Haverford, Pa.*31 M. H.
Sidney Beardsley Wood*Bridgeport, Conn.*Mr. Walden's
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GRADUATE STUDENTS	20
SENIORS	86
JUNIORS	86
SOPHOMORES	82
FRESHMEN	87
PARTIAL COURSE	24
TOTAL	.	.	.	.	.	385

SUMMARY BY STATES

NEW YORK	.	.	.	.	.	155
MASSACHUSETTS	.	.	.	.	.	107
NEW JERSEY	.	.	.	.	.	23
ILLINOIS	.	.	.	.	.	18
OHIO	.	.	.	.	.	14
CONNECTICUT	.	.	.	.	.	10
PENNSYLVANIA	.	.	.	.	.	9
MINNESOTA	.	.	.	.	.	7
VERMONT	.	.	.	.	.	6
INDIANA	.	.	.	.	.	5
OREGON	.	.	.	.	.	5
MICHIGAN	.	.	.	.	.	4
NEW HAMPSHIRE	.	.	.	.	.	4
WISCONSIN	.	.	.	.	.	4
MAINE	.	.	.	.	.	2
WASHINGTON	.	.	.	.	.	2
COLORADO	.	.	.	.	.	1
DISTRICT OF COLUMBIA	.	.	.	.	.	1
ENGLAND	.	.	.	.	.	1
FLORIDA	.	.	.	.	.	1
HAWAIIAN ISLANDS	.	.	.	.	.	1
IOWA	.	.	.	.	.	1
KANSAS	.	.	.	.	.	1
MARYLAND	1
MISSOURI	1
VIRGINIA	1
TOTAL	385
WHOLE NUMBER OF GRADUATES	3,691

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1899-1900

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WILLIAMS COLLEGE

1899-1900

WILLIAMSTOWN, MASS.
PUBLISHED BY THE COLLEGE
1899

CALENDAR

1899

June 21—Commencement Wednesday

SUMMER VACATION OF THIRTEEN WEEKS

Sept. 19-20—Examinations for Admission Tuesday and Wednesday

Sept. 21—Beginning of the College Year Thursday

Oct. 11—Mountain Day, a holiday Wednesday

Oct. 13—Meeting of the Board of Trustees Friday

Oct. 16—Last day for registering for the Master's Degree Monday

Nov. 30—Thanksgiving Day, a holiday Thursday

Dec. 20—Christmas Recess begins Wednesday noon

1900

Jan. 10—Christmas Recess ends Wednesday

Feb. 3—Recitations end Saturday

Feb. 5—Semi-Annual Examinations begin Monday

Feb. 11—Day of Prayer for Colleges Sunday

Feb. 14—First Half-Year ends Wednesday

Feb. 15—Second Half-Year begins Thursday

Feb. 22—Washington's Birthday, a holiday Thursday

April 11—Easter Recess begins Wednesday noon

April 18—Easter Recess ends Wednesday

May 10—Meeting of the Board of Trustees Thursday

May 30—Memorial Day, a holiday Wednesday

June 12—Recitations end Tuesday

June 13-21—Semi-Annual Examinations Wednesday to Thursday

June 23—Graves Prize Speaking Saturday evening

June 24—Baccalaureate Sermon Sunday forenoon

June 24—Mission Park Meeting Sunday afternoon

June 24—Address before the Mills Y. M. C. A. Sunday evening

June 25—Meeting of the Board of Trustees Monday

June 25-26—Examinations for Admission Monday and Tuesday

June 26—Alumni Meeting Tuesday forenoon

June 26—Class Day Tuesday afternoon

June 26—Prize Rhetorical Exhibition Tuesday evening

June 27—Commencement Wednesday

SUMMER VACATION OF THIRTEEN WEEKS

Sept. 24-25—Examinations for Admission Monday and Tuesday

Sept. 27—Beginning of the College Year Thursday

Oct. 15—Last day for registering for the Master's Degree Monday

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Assistant in French

CHARLES FREDERIC SEELEY
Director of the Gymnasium

† Absent in Europe on leave.

WILLIAMS COLLEGE

The college owes its origin to an educational bequest of Colonel Ephraim Williams for the purpose of establishing "a Free School" in Williamstown. The charter of this school, which was granted March 8, 1785, reads as follows :

AN ACT for directing the use and appropriation of a charitable donation, made in a certain clause in the last will and testament of Ephraim Williams, Esq., for the support and maintenance of a Free School in Williamstown, in the County of Berkshire; and for incorporating certain persons as trustees, in order more effectually to execute the intention of the testator, expressed in the same.

WHEREAS, Israel Williams, Esq., and John Worthington, Esq., executors of the last will and testament of Ephraim Williams, Esq., deceased, have represented to this court that the said Ephraim Williams, on the twenty-second day of July, Anno Domini one thousand seven hundred and fifty-five, made his last will and testament, in which, after divers bequests, devises, and dispositions, is contained the following clause, viz :

Item : " It is my will, desire, and pleasure that the remaining part of the lands, not yet disposed of, shall be sold at the discretion of my executors, within five years after an established peace; and the interest of the money and also the interest arising from my bonds and notes shall be appropriated towards the support and maintenance of a Free School, in a township west of Fort Massachusetts, commonly called the West Township, forever; provided, the said township shall fall within the jurisdiction of the province of Massachusetts Bay; and provided, also, the Governor and General Court give the same township the name of Williamstown; and it is further my will and desire, that if there should remain any monies of the said above donation for the school, it be given towards the support of a school in the East Township, where the fort now stands; but in case the above provisos are not complied with, then it is my last will and choice that the interest of the above-mentioned monies be appropriated to some pious and charitable uses, in manner and form as above directed in the former part of my last will and testament."

And, whereas the said executors have further represented, that it may be a matter of doubt and uncertainty whether the township mentioned in the above recited clause (which is now incorporated by the name of Williamstown) has so far fallen within the jurisdiction of the province of Massachusetts. now Commonwealth of Massachusetts, in the sense of the testator, as that they might be justified in appropriating the said donation to the support and maintenance of a Free School in the said town ; and have submitted their duty to the determination of this court, praying that an act may be passed to declare their duty, and to indemnify them in the execution of the same ;

SECTION 1. Be it enacted by the Senate and the House of Representatives, in General Court assembled, and by authority of the same, that the donation made in the clause before recited ought to be presently applied to the use and maintenance of a Free School in the town of Williamstown, in the County of Berkshire, and that in case the said donation shall afford an annual interest more than sufficient for the supporting and maintaining such school in Williamstown, then the surplusage be appropriated to the use and maintenance of a Free School in the tract of land called by the testator East Township, now incorporated by the name of Adams, with other lands, applying and appropriating the said donation to the uses above expressed, and shall be liable to no action or suit in law or equity, on account of such appropriations.

And, whereas the said executors have further prayed that for carrying into complete execution the intention of the testator, a corporation may be created and vested with such powers as may be necessary for that purpose ;

SECTION 2. Be it therefore enacted by the authority aforesaid, that William Williams of Dalton, Theodore Sedgwick, Woodbridge Little, John Bacon, Thompson Joseph Skinner, Esquires, the Reverends Seth Swift and Daniel Collins, Mr. Israel Jones and Mr. David Noble, and their successors, to be elected and appointed as hereinafter directed and provided, be, and hereby are, incorporated, and shall be a corporation forever by the name of " The Trustees of the Donation of Ephraim Williams, Esq., for maintaining a Free School in Williamstown " ; and that the said trustees and their successors be, and hereby are, vested with all the powers, rights, and immunities, which are by law incident to aggregate eleemosynary corporations.

SECTION 3. And be it further enacted, that the said corporation shall always consist of a number not less than seven, nor more than nine persons, excepting only that whenever a vacancy shall happen by death, removal, refusal, or resignation of any member or members, so

that the number be reduced to less than seven, the aforesaid number, then the remaining or surviving trustees shall have full power to perform all corporate acts until such vacancy be supplied ; and the said trustees shall elect and appoint a clerk of the corporation, who shall fairly enter and record all votes, acts, orders, and proceedings made, done or passed by the trustees ; and shall elect a proper person to be their treasurer, who shall receive into his hands all monies belonging to the corporation, and pay the same pursuant to the order of the trustees, and shall always keep a fair account of all receipts and payments.

SECTION 4. And be it further enacted, that the power of electing and appointing successors in case of the death, removal, refusal, or resignation of any of the trustees be, and hereby is, vested solely in the Supreme Judicial Court of this Commonwealth ; and whenever any of the above mentioned cases shall happen, the trustees shall, as soon as conveniently may be, certify the same to the Justices of the said court, that a successor may be appointed ; and the Justices of the same court are hereby empowered to remove from office and trust any member of the corporation who shall, in their judgment, be unfit to hold the same, by reason of incapacity, misdemeanor, negligence, or breach of trust.

And to the intent that the said donation may not be wasted, mismanaged, or perverted from its original intention ;

SECTION 5. Be it further enacted by the authority aforesaid, that the said corporation, and the donation itself, shall always be under the visitation and direction of the Supreme Judicial Court, who are hereby empowered to visit the said corporation to rectify all abuses, to determine all matters of doubt or dispute touching the duty of the trustees, and the use, application, or appropriation of monies or interests to the same donation belonging ; and to make all such orders and regulations with respect to the use, management, and appropriation of the same donation and every part thereof, as they shall judge necessary or useful in order to promote the best interests of the school, according to the true meaning and intention of the testator and such laws of this Commonwealth as may be in force respecting the same ; and the said court, whenever they shall judge necessary, shall cause the said trustees to come before them, either to render an account of expenditures and dispositions of monies, or to answer for any mismanagement or breach of trust ; and the trustees shall appear and lay their accounts, papers, records, and corporation books before the said court for inspection, whenever they shall be required thereto.

SECTION 6. And be it further enacted that the said trustees and their successors forever shall have the possession, management, and

disposition of the whole interest and estate, real and personal, which is contained in and given, bequeathed, devised, or disposed of by the above recited clause in the will aforesaid ; and they are hereby empowered and directed, as soon as conveniently may be, to erect and maintain a Free School within the said town of Williamstown, for the instruction of youth, in such manner as most effectually to answer the pious, generous, and charitable intention of the testator, and agreeable to such orders and instructions as they may, from time to time, receive from the Supreme Judicial Court ; and they are hereby empowered to appoint and employ instructors, masters, and officers, as shall be necessary for that purpose.

And to the intent that the said trustees may be enabled, in the most easy and expeditious manner, to receive in their own possession and management, the whole estate, property, and interest, contained in the aforesaid donation ;

SECTION 7. Be it further enacted by the authority aforesaid, that the said executors, shall, at the request of the trustees, make and execute to the said trustees a deed or deeds of conveyance of all such lands or real estate as belong to said donation, and yet remain unsold, in which deed or deeds it shall be expressed that the executors do grant to the trustees the right, estate, and interest of the testator, and of themselves, in and to the described lands or tenements to the trustees and their successors forever ; and the said executors shall deliver over into the hands of the trustees, at their request, all such personal securities or mortgages as the executors now have in their own hands, and which are a part of the same donation ; all of which securities, whether bonds, promissory notes, mortgage deeds, or of what name or description soever, being endorsed with the name of the said executors, or one of them, and delivered as aforesaid, shall become the property of the trustees to all intents and purposes ; and they are hereby empowered, in the name of the corporation, to bring any action or actions against the obligors, promisors, mortgagors, or tenants, for recovering the contents of the same securities or possession of mortgaged estates, which action or actions shall be holden to be good and valid in law for that purpose, as if the securities or mortgage deeds had been originally made to the trustees by their corporate names.

And, whereas the testator has directed, that in case his principal donation should afford an interest more than sufficient for the support and maintenance of the school in Williamstown, the surplusage should be improved to the use of a school in the East Township, now called Adams, in the said County of Berkshire ; and whereas questions and disputes may arise touching the (nature) meaning and extent of this part of the will, and when there may be said to be a surplusage beyond

what should be necessary, according to the intent of testator, for the support of the school in Williamstown ;

SECTION 8. Be it further enacted, that in case of such surplusage, the said trustees are hereby empowered and directed to use and employ the same for erecting and supporting a Free School in the said town of Adams, in the same manner as has been in this act before provided in respect of the school in Williamstown ; and that all questions and disputes that may arise concerning such surplusage, and the duty of the trustees in respect of the several schools, shall be determined by the Supreme Judicial Court ; and the trustees shall always conform their conduct and administration herein to such orders and determinations as shall, from time to time, be made by the same court.

SECTION 9. And be it further enacted, that the Supreme Judicial Court may, at their discretion, exercise all the powers vested in them by virtue of this act, at any of the sessions holden within the counties of Berkshire or Hampshire ; and in all trials at law, the court, ex-officio, shall take notice of this act to all intents and purposes whatsoever, and the same shall be given in evidence under any general issue.

At their first meeting, April 24, 1785, the trustees passed a resolution to the effect that "it is the sense of the corporation that the Free School in Williamstown be open and free for the use and benefit of the inhabitants of that town and of the free citizens of the American States indiscriminately." They also decided that "it will best coincide with the liberal views of the donor and the intention of the legislature to admit no pupil to the Free School * * * not having been taught to read English well."

As they found it difficult to collect the necessary funds for erecting a building, the trustees sent a petition, August 19, 1788, to the legislature "for the grant of a lottery to raise the sum of twelve hundred pounds." Accordingly an act was passed February 11, 1789, making such a grant.

The initial step toward a transformation of the Free School into a college was taken at a meeting of the trustees, May 23, 1792. In a petition to the legislature they "humbly showed" what had been done already, and set forth the "several circumstances attending the situation of the Free School * * * peculiarly favorable to a seminary of a more public and important nature." The

petition was granted, and an act to establish the college and to transfer to it the property of the Free School was passed June 22, 1793 :

An act to establish a college in the County of Berkshire, within this Commonwealth, by the name of Williams College.

Be it enacted by the Senate and House of Representatives, in the General Court assembled, and by the authority of the same, that there be erected and established in the town of Williamstown, in the County of Berkshire, a college, for the purpose of educating youth, to be called and known by the name of Williams College, to be under the government and regulation of a body politic and corporate, as hereafter in this act is provided.

And be it further enacted by the authority aforesaid, that John Bacon, Esq., Rev. Daniel Collins, Israel Jones, Woodbridge Little, David Noble, Theodore Sedgwick, Thompson J. Skinner, Esquires, Rev. Seth Swift, Henry Vanscaak, Esq., Rev. Stephen West, D.D., William Williams and Elijah Williams, Esquires, together with the president of the said college for the time being, to be chosen as in this act is hereafter directed, be and hereby are created a body politic and corporate, by the name of "The President and Trustees of Williams College," and that they and their successors, and such others as shall be duly elected members of the said corporation, shall be and remain a body politic and corporate, by that name forever.

And be it further enacted by the authority aforesaid, that for the more orderly conducting the business of the said corporation, The President and Trustees shall have full power and authority, from time to time, as they shall determine, to elect a vice-president and secretary of the said corporation, and to declare the tenures and duties of their respective offices, and also to remove any trustee from the said corporation, when, in their judgment, he shall be rendered incapable, by age or otherwise, of discharging the duties of his office, or shall neglect or refuse to perform the same, and to fill up all vacancies in the said corporation, by electing such persons for trustees as they shall judge best. Provided, nevertheless, that the number of the said trustees, including the president of the said college, for the time being, shall never be greater than seventeen nor less than eleven.

And be it further enacted, that the said corporation may have one common seal, which they may change, break or renew, at their pleasure ; and that all deeds signed and delivered by the treasurer, and sealed with their seal, by order of The President and Trustees, shall, when made in their corporate name, be considered in law as the deed of the said corporation ; and that the said corporation may sue

and be sued in all actions, real, personal or mixed, and may prosecute and defend the same to final judgment and execution, by the name of The President and Trustees of Williams College ; and that the said corporation shall be capable of having, holding and taking in fee simple or any less estate, by gift, grant, devise or otherwise, any lands, tenements or other estate, real or personal. Provided, nevertheless, that the annual clear income of the same shall not exceed the sum of six thousand pounds.

And be it further enacted by the authority aforesaid, that the said corporation shall have full power and authority to determine at what times and places their meetings shall be holden, and in the manner of notifying the trustees to convene at such meetings ; and also from time to time, elect a president and treasurer of said college, and such professors, tutors, instructors and other officers of said college as they shall judge most for the interest thereof, and to determine the duties, salaries, emoluments and tenures of their several officers aforesaid ; the said president, for the time being, when elected and inducted into his office, to be, ex-officio, president of said corporation. And the said corporation are further empowered to purchase or erect, and to keep in repair, such houses and other buildings as they shall judge necessary for the said college ; and also to make and ordain, as occasion may require, reasonable rules, orders and by-laws, not repugnant to the laws of this Commonwealth, with reasonable penalties, for the good government of the said college ; and also to determine and prescribe the mode of ascertaining the qualifications of the students, requisite to their admission ; and also to confer such degrees as are usually conferred by universities established for the education of youth. Provided, nevertheless, that no corporate business shall be transacted at any meeting, unless seven at least of the trustees are present ; and provided further, that the said corporation shall confer no degree other than those of Bachelor of Arts and Master of Arts, until after the first day of January, which shall be in the year of our Lord one thousand eight hundred.

And be it further enacted by the authority aforesaid, that the clear rents, issues and profits of all the estate, real and personal, of which the said corporation shall be seized or possessed, shall be appropriated to the endowment of the said college, in such manner as shall most effectually promote virtue and piety, and the knowledge of such of the languages, and of the liberal arts and sciences as shall hereafter be directed from time to time, by the said corporation.

And be it further enacted by the authority aforesaid, that the Hon. Thompson J. Skinner, Esq., be, and he is hereby authorized and empowered to fix the time and place for holding the first meeting of the said corporation, of which he shall give notice by an advertisement in the Stockbridge newspapers, at least fourteen days previous thereto.

And be it further enacted by the authority aforesaid, that the treasurer of the said college shall, before he enter upon the execution of the duties of his office, give bonds to the said corporation, with such sums, and with such sureties as they shall approve of, conditioned for the faithful discharge of the said office, and for rendering a just and true account of his doings therein, when required. And that all the money, securities and other property of The President and Trustees of Williams College, together with all the books in which his accounts and proceedings as treasurer were entered and kept, that shall be in his hands at the expiration of his office, shall, upon demand made upon him, his executors or administrators, be paid and delivered over to his successor in that office. And all monies recovered by virtue of any suit at law, upon said bond, shall be paid over to the president and trustees aforesaid, and subjected to the appropriation above directed in this act.

And be it further enacted by the authority aforesaid, that the Legislature of this Commonwealth may grant any further powers to, or alter, limit, annul or restrain any of the powers by this act vested in the said corporation, as shall be judged necessary to promote the best interests of the said college; and, more especially, may appoint and establish overseers or visitors of the said college, with all necessary powers and authorities for the better aid, preservation and government thereof.

And be it further enacted by the authority aforesaid, that all the property, real and personal, belonging to the trustees of Williamstown Free School, be, and the same hereby is vested in the corporation, which by this act is created.

And be it further enacted by the authority aforesaid, that there be, and hereby is granted to the trustees of Williams College, for the use, benefit and purpose of supporting said college, twelve hundred pounds, to be paid out of the treasury of this Commonwealth; three hundred pounds of the same to be paid the first day of September, one thousand seven hundred ninety-three, and three hundred pounds annually, on the first day of September, for the three succeeding years.

February 26, 1796, an additional act was passed, as follows:

WHEREAS, Doubts have arisen, whether the rights and credits which, previous to passing the act aforesaid, were vested in and belonging to the trustees of the donation of EPHRAIM WILLIAMS, Esquire, for maintaining a Free School in WILLIAMSTOWN, are by virtue of the same act transferred to and vested in the Corporation of THE PRESIDENT AND TRUSTEES OF WILLIAMS COLLEGE:

Be it therefore enacted by the Senate and House of Representatives, in General Court assembled, and by the authority of the same, that the

said rights and credits be and hereby are transferred to and vested in the said Corporation of THE PRESIDENT AND TRUSTEES OF WILLIAMS COLLEGE, who are hereby authorized to commence and prosecute to final judgment and execution, any suit or action in law or equity, which the said trustees of the donation of EPHRAIM WILLIAMS, Esquire, for maintaining a free school in WILLIAMSTOWN, might heretofore have commenced or prosecuted.

On petition of the trustees the legislature passed an act February 4, 1796, granting the college two townships of land "of the contents of six miles square each, to be laid out and assigned from any of the unappropriated lands belonging to this Commonwealth in the district of Maine." The act provided that the trustees "shall cause to be settled fifteen families in each of said townships within twelve years from the passing this resolve; and also that there be reserved in each township three lots of three hundred and twenty acres each for the following uses, viz., one lot for the first settled minister, one lot for the use of the ministry, and one lot for the use of schools in each of said townships." These lands were sold for about \$10,000, and the proceeds devoted to building East College.

Nine years later the college again appealed to the legislature for assistance. A committee of that body, which investigated the condition and prospects of the institution, made the following report, February 19, 1805 :

The Committee of both Houses, to whom was referred the petition of The President and Trustees of Williams College, praying the aid of government to enable them to build a chapel for the performance of divine service, and for keeping the college library and apparatus, having examined the origin, rise, and progress of the seminary, from its institution to the present time, together with the aid heretofore afforded by the government, and the existing state of its funds, beg leave to observe, That the funds granted by the original donor and the government have, in the opinion of the Committee, been judiciously applied to the object of the institution, and with success exceeding the most sanguine expectations, and that the present state of the college affords a reasonable and pleasing expectation of its future extensive benefits to society, and that a chapel for the purposes above mentioned would

essentially promote the same ; and as the encouragement and grants of the government to that college have not been equal to those made to other seminaries in the Commonwealth, the Committee ask leave to report the following Resolve :

Resolved, For reasons set forth in the petition, that there be and hereby is granted one township of land of the contents of six miles square to be laid out and assigned from any of the unappropriated lands belonging to the Commonwealth, in the District of Maine, except the ten townships lately purchased of the Penobscot Indians. * * *

In 1809 the legislature granted another township of land in Maine "for further aid in support of Williams College and for the erecting of other buildings for the convenience of the institution and for sustaining a professor of the Oriental languages." The sum of \$9,500 was realized from the last two townships.

The legislature passed an act February 24, 1814, "for the Encouragement of Literature, Piety and Morality and the Useful Arts and Sciences," and appropriated the taxes due to the Commonwealth from the Massachusetts Bank, "for the ten years next to come," to Harvard, Williams, and Bowdoin. Of this fund Williams received "three sixteenth parts," which amounted to \$30,000. In 1859 the State gave the College \$25,000, and in 1868, \$75,000. The total of these legislative gifts is \$153,500.

In 1883 the following act was passed :

An act to authorize The President and Trustees of Williams College to hold additional real and personal estate.

[Be it enacted, etc., as follows :]

SECTION 1. The proviso in section 4 of the act establishing Williams College, passed on the twenty-second day of June in the year seventeen hundred and ninety-three, is hereby amended so as to read : "Provided, nevertheless, that the clear annual income of the same shall not exceed two hundred thousand dollars."

SECTION 2. This act shall take effect upon its passage.

In 1890 the legislature passed the following act :

The corporation known as the President and Trustees of Williams College and its standing committees may hold special meetings without the limits of the Commonwealth.

The principal college buildings, with the dates of their erection and their approximate cost, are as follows: West College, 1790, \$11,700; East College, 1798, \$12,400—burned in 1841, rebuilt, 1842, \$7,000; South College, 1842, \$5,000; Griffin Hall Chapel, 1828, \$10,000; Hopkins Observatory, 1837, \$3,000; Lawrence Hall Library, 1846, \$7,000; Kellogg Hall, 1847, \$5,000; Jackson Hall, 1856, \$4,000; Alumni Hall Chapel, 1859, \$20,000; Goodrich Hall, 1864, \$25,000; College Hall, 1872, \$5,000; Clark Hall, 1881, \$25,000; Field Memorial Observatory, 1882, \$8,000; Morgan Hall, 1882, \$82,400; Lasell Gymnasium, 1886, \$50,000; Library Extension, 1890, \$10,000; Hopkins Memorial Hall, 1890, \$87,800; Thompson Chemical Laboratory, 1892, \$60,000; Thompson Physical Laboratory, 1893, \$60,000; Thompson Biological Laboratory, 1893, \$60,000; College Infirmary, 1895, \$10,000; Jesup Hall, 1899, \$35,000. Total, \$603,300.

The corporate name of the college is THE PRESIDENT AND TRUSTEES OF WILLIAMS COLLEGE.

TERMS OF ADMISSION

Each candidate for admission must present a testimonial of good character from the teacher under whom he was prepared for college.

Candidates for admission to the Freshman class must present satisfactory qualifications in one of the following groups of subjects, the work covered by each subject being given in detail below. Groups I., II., III., IV., and V., admit to the course leading to the degree of Bachelor of Arts ; Group VI. admits students to a partial course not leading to a degree, but permitting them to take such college courses as they are prepared to pursue, subject to the conditions specified on page 28.

GROUP I.

History I.
Mathematics A.
English
Latin
Greek

GROUP III.

History I. or II.
Mathematics A.
English
Latin
German I.
German II.

GROUP V.

History I. or II.
Mathematics A.
Mathematics I.
English
Latin
German I.

GROUP II.

History I. or II.
Mathematics A.
English
Latin
French I.
French II.

GROUP IV.

History I. or II.
Mathematics A.
Mathematics I.
English
Latin
French I.

GROUP VI.

(Partial Course)

* History I., II., or III.
Mathematics A.
English
{ Latin or
French I. or
German I.

* If Latin is offered, History II. is required ; otherwise the candidate may present either History I., II., or III.

The names of students who enter as candidates for a degree but have somewhat serious deficiencies or irregularities in their entrance records, are classified in the Special Course until the deficiencies or irregularities have been removed.

DETAILS OF SUBJECTS.

HISTORY I.—Greek to the death of Alexander, and Roman to the reign of Augustus. Smith's Smaller History of Greece, Oman's or Myers's History of Greece, and Leighton's History of Rome are recommended. The related geography is also included.

HISTORY II.—Roman to the reign of Augustus, and either Montgomery's English History or Montgomery's Student's American History, or equivalents. Leighton's History of Rome is recommended. The related geography is also included.

HISTORY III.—Montgomery's English History and Montgomery's Student's American History, or equivalents. The related geography is also included.

ENGLISH.—Two sets of books are prescribed for preparation in English, the A-group and the B-group ; those in the A-group are for reading, and practice in the essentials of composition and grammatical construction ; those in the B-group for more extended study. The candidate may present an exercise-book properly certified by his instructor, and this, if satisfactory, will be accepted as equivalent for the work in A. Blank forms containing the directions and regulations governing the preparation of these blanks, will be sent upon application to the Registrar. Exercise-books thus offered as equivalents for entrance examinations must be forwarded to the English department not later than June 1st of the year in which the candidate expects to enter college.

A-group.—The candidate will be required to show a general familiarity with the subject-matter of the books contained in this list, and to answer questions on the lives of the authors. An important element of the examination will be the writing of paragraphs on topics chosen from the books assigned. The treatment of the topic thus presented will be taken as evidence of the candidate's power to express his thoughts with clearness and

accuracy. Work that is notably deficient in spelling, punctuation, idiom, and proper division into paragraphs will not be accepted as satisfactory.

Note.—In the examination on this group the candidate will be expected to answer such questions on English grammar as may be proposed. Preparatory schools are urged to offer thorough and systematic drill in the principles of grammar and in elementary composition, particularly in the development of the paragraph from a given topic-sentence with due attention to unity and coherence.

The books prescribed for this part of the entrance work are:

1900.—Dryden's *Palamon and Arcite*; Pope's *Iliad*, Books I., VI., XXII., and XXIV.; The Sir Roger de Coverley Papers in *The Spectator*; Goldsmith's *The Vicar of Wakefield*; Scott's *Ivanhoe*; De Quincey's *The Flight of a Tartar Tribe*; Cooper's *The Last of the Mohicans*; Tennyson's *The Princess*; Lowell's *The Vision of Sir Launfal*.

1901, 1902. — Shakspeare's *The Merchant of Venice*; Pope's *Iliad*, Books I., VI., XXII., and XXIV.; The Sir Roger de Coverley Papers in *The Spectator*; Goldsmith's *The Vicar of Wakefield*; Coleridge's *The Ancient Mariner*; Scott's *Ivanhoe*; Cooper's *The Last of the Mohicans*; Tennyson's *The Princess*; Lowell's *The Vision of Sir Launfal*; George Eliot's *Silas Marner*.

1903, 1904, 1905.—Shakspeare's *The Merchant of Venice* and *Julius Caesar*; The Sir Roger de Coverley Papers in *The Spectator*; Goldsmith's *The Vicar of Wakefield*; Coleridge's *The Ancient Mariner*; Scott's *Ivanhoe*; Carlyle's *Essay on Burns*; Tennyson's *The Princess*; Lowell's *The Vision of Sir Launfal*; George Eliot's *Silas Marner*.

B-group.—The examination on this part of the work presupposes a more careful study of the books prescribed and a thorough familiarity with their subject-matter; it will deal, in addition, with discrimination in the use of words, sentence combinations, abstracts, paraphrases, and the essentials of paragraph construction.

See note under A-group above.

The books set for this part of the examination will be :

1900.—Shakspeare's *Macbeth*; Milton's *Paradise Lost*, Books I. and II.; Burke's *Speech on Conciliation with America*; Macaulay's *Essays on Milton and Addison*.

1901, 1902.—Shakspeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso*; Burke's *Speech on Conciliation with America*; Macaulay's *Essays on Milton and Addison*.

1903, 1904, 1905.—Shakspeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso*; Burke's *Speech on Conciliation with America*; Macaulay's *Essays on Milton and Addison*.

MATHEMATICS A.—Algebra, through quadratic equations, including radical quantities and simultaneous quadratics. Plane geometry.

MATHEMATICS I.—(a) Algebra: imaginaries, inequalities, ratio and proportion, arithmetical, geometrical, and harmonical progressions, binomial theorem (with positive, negative, and fractional exponents), undetermined coefficients, partial fractions, reversion of series, logarithms, compound interest, annuities, continued fractions, permutations, and combinations, as much as is treated in Wells's or Wentworth's *College Algebra*. (b) Solid Geometry, as much as is contained in the ordinary text-books, such as Phillips and Fisher, Wentworth, Wells, or Newcomb (Books VII.–XI.). The examination will also include problems and propositions for original demonstration dependent on easy deductions from the standard propositions given in the text-books. (c) Plane trigonometry including goniometry and the practical use of logarithmic tables in the solution of triangles, as much as is contained in the first eight chapters of Chauvenet's *Treatise* (omitting the fine print), the first four chapters of Wentworth, or the first seven chapters of Wells.

LATIN.—Grammar; translation of connected English passages into Latin prose; Cæsar, four books; Cicero, six orations, to be specified in the certificate; Vergil, six books of the *Æneid*, including prosody; translation at sight of passages from Nepos and the *Metamorphoses* of Ovid. Equivalents from other authors will be accepted in part. Candidates are expected to pronounce Latin according to the Roman method.

GREEK.—Hadley and Allen's or Goodwin's Grammar ; translation into Greek of English passages based on Xenophon ; Xenophon, four books of the Anabasis ; Homer, three books of the Iliad ; translation at sight of passages of less difficult Greek prose. Candidates are expected to pronounce Greek according to the written accents, and in conformity with §§ 11, 14, 19, 20, and 21 of Hadley and Allen, or according to Goodwin's preface and § 28 of his revised edition. The unabridged or the intermediate edition of Liddell and Scott's Greek Lexicon is also recommended, but not the abridged edition. In order to help pupils to form a correct style, teachers are requested to insist upon the use of simple and idiomatic English in translating.

FRENCH I.—The Elementary Examination will be adapted to the proficiency of those who have studied French in a systematic course of five hours a week for one year. It will consist of two parts (which, however, cannot be taken separately): (a) The translation at sight of ordinary prose. The passages set for translation will be suited to candidates who have read not less than four hundred duodecimo pages from the works of at least three different authors ; this amount includes sight-reading done in the class. Not more than half the reading should be from works of fiction. It is important that all translations be done into clear and idiomatic English. (b) The translation into French of English sentences and of a short connected passage, to test the candidate's familiarity with elementary grammar. Elementary Grammar is understood to include the conjugation of regular and the more usual irregular verbs, such as *aller, tenir, pouvoir, savoir, voir, vouloir, dire, faire*, and those belonging to the classes represented by *dormir, ouvrir, connaître, conduire, craindre* ; the forms and positions of the personal pronouns ; the uses of other pronouns and of possessive, demonstrative, and interrogative adjectives, the inflection of nouns and adjectives for gender and number, except rare cases ; the commoner uses of the article ; and the partitive constructions. Proficiency may also be tested by direct questioning. Pronunciation should be carefully taught and the pupil should be accustomed to hear and understand the spoken language. The writing of French from dictation is also recommended.

FRENCH II.—The advanced examination will consist of two parts (of which one may be taken separately): (a) The translation at sight of standard French. The passages set for translation will be suited to candidates who have read in addition to the amount specified under French I. (a), not less than one thousand duodecimo pages of classical and contemporary prose and verse from the writings of at least five standard authors. (b) The translation into French of English sentences and a passage of English prose. In preparation for this examination candidates will be expected to have acquired a thorough knowledge of *accidence* and a familiarity with the essentials of French syntax, especially the use of modes and tenses, and also with the commoner idiomatic phrases. Proficiency may also be tested by direct questioning. Careful attention should be paid to pronunciation and to the use of spoken French, that the candidate may at least acquire the ability to follow a recitation conducted in the language and to answer questions asked by the instructor.

Candidates who offer French II. are expected to have studied the language for at least three years before presenting themselves for examination.

GERMAN I.—(a) Ability to translate ordinary prose at sight; in preparation for this the student should have read two hundred and fifty pages of narrative prose. (b) Proficiency in elementary grammar, including the rules for the arrangement of German sentences. Translation of simple connected prose from English into German. Attention should be paid to a distinct pronunciation of the language.

GERMAN II.—(a) For the examination in 1899: One hundred and fifty pages of prose fiction; and also Freytag's *Doktor Luther*, Lessing's *Minna von Barnhelm*, Schiller's *Wilhelm Tell*, and Goethe's *Hermann und Dorothea*. A knowledge of the lives of Lessing, Goethe, and Schiller is required. Kluge's *Geschichte der deutschen National-Litteratur* (§§ 48-57) is suggested as indicating the amount. While reading at sight will be an essential part of the examination, the candidate will be tested on the works given above with regard to both language and subject-matter. Equivalents will be accepted. (b) There will also be an exercise in prose composition, for which

purpose the candidate should have translated about seventy-five pages of narrative prose from English into German.

Candidates who offer German II. are expected to have studied the language for at least three years before presenting themselves for examination.

ANTICIPATION OF COLLEGE COURSES.—Candidates may, at their option, anticipate any prescribed course of the college and substitute in its place advanced work. Special examinations will be held for this purpose in connection with the examinations for admission, and the student must obtain an average of seventy-five per cent. in these special examinations. Any one, anticipating French I. or German I., may continue with the language in which he passed the examination, and may postpone the beginning of the other language another year.

ADMISSION TO ADVANCED STANDING.

Candidates for admission to an advanced standing will be examined in the studies that have been pursued by the classes which they wish to enter, or in other equivalent studies.

Students who come from other colleges and who bring certificates of honorable dismissal, may, upon proof of their qualifications, be admitted to a corresponding standing in this college.

REGULATIONS CONCERNING PARTIAL COURSE STUDENTS.

A candidate for this course must have studied some foreign language, ancient or modern, with such proficiency as to enable him to continue it with some college course other than an elementary one, and he will be expected to include this advanced course among his first-year studies. No student who offers French or German will be permitted to take elementary French or German after admission.

The requirements in Latin (if that is offered in place of French or German) and in English, History, and Mathematics are the same as for the full course. See Group VI., page 22.

Partial course students must choose courses which will give them at least twelve hours of class-room work a week (or eleven hours if Freshman courses only are chosen).

Partial course students who come directly from a preparatory school must take at least seven hours a week with the Freshman class, unless they can anticipate by examination a full year's work in one or more of the Freshman studies, in which case they may take a corresponding number of hours with an advanced class; but, on entering, partial course students are allowed to take no more than three hours a week of Junior studies and none of the Senior studies unless they can anticipate by examination all the work preparatory to these studies. They must continue each study chosen through the college year, or till the termination of that study.

Partial course students may be dismissed at any time if the faculty are convinced that they are not qualified to do their current work or are not making good use of their opportunities.

PRELIMINARY EXAMINATIONS

Preliminary examinations in a part of the requirements for admission will be given one year in advance to candidates desiring them, provided they bring from the principals of their schools certificates specifying the subjects in which their teachers consider them prepared. The examination will cover the whole of each subject offered by the candidate. For example, Cicero, Xenophon, or Algebra cannot be divided between the preliminary and the final examinations.

In order to prevent an interruption to studies which are to be continued in the college course, candidates are requested to reserve the following subjects for the final examinations: Cicero or Vergil, Latin Prose Composition, Homer, Greek Prose Composition, Geometry, and English. The subjects thus reserved can be passed in the

preliminary examinations only by reaching a mark of seventy-five per cent. instead of sixty per cent. required for other subjects.

No credit will be given for the preliminary examination, unless the applicant pass in a substantial part of the subjects offered. The preliminary certificate will be valid for one year only, unless the examination has been passed in a specially creditable manner.

ARRANGEMENT OF EXAMINATIONS

The examinations for admission, in 1900, will be held in room No. 4, Hopkins Hall, on the Monday and Tuesday preceding Commencement, and the Monday and Tuesday preceding the opening of the college year in September, as follows :

FIRST DAY

8½ A.M.—Registration

9 A.M.—English

11 A.M.—Greek and Roman History

English and American History

2 P.M.—French, German, Greek

SECOND DAY

9 A.M.—Latin

2 P.M.—Mathematics

Entrance examinations in June will be held on the same days and in the same order as in Williamstown, at any responsible school which has candidates for admission and which will undertake to conduct the examinations on the same dates and in the same order as indicated above, and will do this without expense to the college. The student's written work in such cases is to be forwarded at once by the teacher in charge to the Secretary of the Faculty. If sent later than the morning of the day following the last examination, the Committee on Admissions may decline to consider the application.

Requests for the examination papers for use in a distant school under this arrangement must be made by the principal thereof and should be in the hands of the Secretary of the Faculty not later than June 10th.

The September examinations are held in Williamstown only.

ADMISSION BY CERTIFICATE

Under certain conditions specified below, certificates of preparatory schools are accepted in place of examinations in History, English, Mathematics A, Latin, and Greek. Certificates will in no case be accepted for Mathematics I., German I., German II., French I., French II., or for the anticipation of any course of study pursued in college. The privilege of sending students by certificate may be granted to a school which requests it, provided the faculty of the college have such an acquaintance with the work of the school as will warrant granting the request. In general, a school which has recently sent properly trained students by examination, is considered entitled, on application, to receive the certificate privilege and to retain it as long as there is no radical change in the management of the school.

This privilege is not granted to private tutors, and it is revocable in all cases when not properly exercised.

Certificates must be made out on blanks furnished by the Secretary of the Faculty, and in accordance with the instructions contained therein. These certificates must contain an explicit statement of the work done by the candidates and the time devoted to it. If the work covered by the certificate is considerably less than the amount required for admission, or if the time devoted to a given subject is inadequate, the certificate will not be accepted for the subject in which the deficiency occurs, though it will remain valid for other subjects. In such cases an examination upon the subjects involved will be required. For slight deficiencies conditions may be imposed.

Certificates will not be accepted in Greek for candidates who have studied the subject less than three full school years, nor in Latin for candidates who have studied the subject less than four full school years, but candidates who offer the full amount of Greek and Latin, by diploma or certificate of the Regents of the University of New York, or by the certificate of schools under the Regents system, are excepted from this requirement.

A student who has failed to pass the entrance examination at this or any other college will not be received by certificate, unless he has subsequently spent at least a year of study in the school which issues the certificate.

Freshmen and partial course students who have entered by certificate and have subsequently been dismissed for failure in their studies, cannot re-enter in the next class except by passing the entrance examinations. Certificates will not be accepted.

If such students were originally admitted by examination, they may be readmitted without examination in certain subjects if in the judgment of the committee on admissions their records warrant such exemption.

Certificates must be signed by the principal of the school, and sent to the Secretary of the Faculty, so far as is practicable, before Commencement, but not in advance of the actual completion of the work for which they vouch.

When a year or more has passed between the completion of the work for which the certificate vouches and the time for the student to enter college, satisfactory evidence that he has kept up his studies must be furnished by examination or otherwise.

COURSES OF INSTRUCTION

DEPARTMENT OF LANGUAGE AND LITERATURE GREEK

Professors FERNALD and HEWITT.

1a. *Herodotus*.—Portions of his history as found in Fernald's Selections. So far as practicable, different portions are read in consecutive years. While the principal object of this course is to acquire familiarity with the style and matter of Herodotus, the work is interspersed with oral and written exercises in review of the grammatical forms and with reading at sight. Illustrated lectures upon the orders of Greek architecture.

Freshman required course. Four hours a week until Christmas.

Professor FERNALD.

1b. *Homer*.—Books I., II., and VI. of the *Odyssey* will be read and some of the principal Homeric questions will be discussed in lectures. The students are encouraged to read beyond the limits prescribed for the class. Several evening readings from portions of the *Odyssey* not read in the class will be open to those who may care to attend.

Freshman required course. Three hours a week from Christmas to Easter.

Professor FERNALD.

1c. *Lysias*.—Morgan's edition will be used. Special attention will be given to the political and social allusions which abound in the orations of Lysias. Different orations from those read the previous year will be selected. One hour a week will be devoted to composition and grammatical review. There will also be lectures, illustrated with photographs, lantern views, and other material, upon the remains of Greek architecture and upon certain other Greek antiquities.

Freshman required course. Four hours a week after Easter.

Professor FERNALD.

2a. *Plato and Euripides*.—The Protagoras of Plato and Euripides' Iphigenia among the Taurians. Courses of lectures will be given on Greek philosophy from Thales to Plato and on the Greek theatre.

Sophomore elective course. Three hours a week until Christmas.

Professor HEWITT.

2b. *Æschylus, Sophocles, and Aristophanes*.—Until Easter the *Seven against Thebes* and the *Electra* will be read chiefly from the literary point of view, and special attention will be given to points of similarity and dissimilarity between the ancient and modern drama. A portion of the time will be given to lectures on the Greek drama. After Easter two exercises a week will be devoted to the reading of *Aristophanes*. In place of the third exercise, each member of the class will be required to do original work in Greek syntax or editorial work upon a portion of one of the Greek plays.

Sophomore elective course. Three hours a week after Christmas.

Professor HEWITT.

3a. *Plato and Xenophon*.—The *Symposium* of each will be read. One exercise a week will be devoted to Greek Archæology with special study of Greek sculpture. Overbeck's *Antike Schiftquellen* will be used as the basis of this study.

Senior and Junior elective course. Three hours a week until Christmas.

Professor HEWITT.

3b. *Greek*.—The principal work will be the reading of Plutarch's life of Pericles (Holden's edition). For collateral reading the estimate of Pericles's character given by Thucydides in his book II. will be taken up.

Senior and Junior elective course. Three hours a week from Christmas to Easter.

Professor FERNALD.

3c. *Greek Lyric Poetry*.—Lectures will be given in connection with the reading of selections from the edition of Buchholz.

Senior and Junior elective course. Three hours a week after Easter.

Professor HEWITT.

LATIN

Professors HEWITT and WILD.

1. *Livy, Latin Poets, Tacitus*.—Book XXI. of *Livy*, with sight-reading in Books I. and XXII. Special attention will be given to the history of Rome during the Punic wars.

Selections from *Latin Poets*. The *Agricola* and *Germania* of *Tacitus* with sight-reading of portions of the *Annals*.

Freshman required course. Three hours a week throughout the year.

Professor WILD.

2a. *Letters of Cicero and Pliny; Plautus; History of Roman Literature*.—A study of Cicero in his private life as shown in the letters in Tyrrell's smaller edition, with selections from Pliny's letters by way of comparison.

The *Captivi* and *Menæchmi* of Plautus, with one exercise a week in the History of Roman Literature.

Sophomore elective course. Three hours a week until Christmas and after Easter. Professor WILD.

2b. *Horace*.—Selections from the Odes, Epodes, and Epistles. Studies in Roman antiquities. Elements of Roman archæology; the topography and architectural history of Rome.

Sophomore elective course. Three times a week from Christmas to Easter. Professor HEWITT.

3a. *Catullus, and the Elegiac poets*.—Selections will be read with special reference to their literary qualities.

Senior and Junior elective course. Three times a week until Christmas. Professor HEWITT.

3b. *Roman Oratory and Satire*.—The *Brutus* of Cicero will be read as the basis of a study of the history of Roman oratory. One exercise a week will be devoted to the reading at sight of Tacitus' *Dialogus de Oratoribus* and fragments of orations. There will also be assigned to each student original work in investigating the lives of the leading orators from the sources.

Selections from Ennius, Lucilius, Varro, Petronius, Seneca and Apuleius in Merrill's *Fragments of Roman Satire*, with one exercise a week in the interpretation of portions of the satires of Juvenal.

Senior and Junior elective course. Three exercises a week after Christmas. Professor WILD.

ENGLISH

Professors SPRING and MAXCY, Assistant Professors LIVINGSTON and MATHER.

1. *English Composition*.—The purpose of this course is to train the student in the development of the paragraph and in the essentials of description and narrative. Weekly themes are required of each student in addition to frequent exercises in extempore writing prepared in the class-room. Theory of development and construction is supplemented by complete analysis of recognized masterpieces of English prose.

The course also includes the study of correct use in words, sentences, and paragraphs, as found in Newcomer's *Elements of Rhetoric* and Buehler's *Exercises in English*.

Freshman required course. Two hours a week during the year.

Professor MAXCY.

2. *Composition-rhetoric*.—A course in theme-writing, a continuation of course 1. Fortnightly themes are required of each student, and all themes are made, as far as possible, the subject of individual consultation with the instructor. The work is based upon Wendell's English Composition.

Sophomore required course. One hour a week during the year.

Professor MAXCY.

3. *English Themes*.—Juniors are required to submit one essay and one oration for personal criticism. Conferences at hours to be announced.

Assistant Professor LIVINGSTON.

4. *English Themes*.—Seniors are required to submit two essays for personal criticism. Conferences at hours to be announced.

Professor SPRING.

5. *Argumentation*.—The work of the course is based upon the following outline: (a) principles of argumentation, logical and rhetorical; (b) study and analysis of masterpieces of modern argumentation; (c) briefs based upon these selections; (d) original briefs developed into forensics and delivered before the class; (e) debates; (f) extempore speaking. In the class debates, which form an important part of the course, each student is required to take part from the floor in a certain proportion of the exercises, in addition to his assigned work as leader.

Junior elective course. Three hours a week during the year.

Professor MAXCY.

[6. *Historical English*.—A study in outline of the development of the English language and literature in the Anglo-Saxon and Middle English periods. The first half-year is devoted to the study of Anglo-Saxon, the second chiefly to the works of Chaucer.

Junior elective course. Three hours a week during the year.

Omitted 1899-1900.

Assistant Professor MATHER.]

7. *History and development of English prose fiction*.—The history and development of English fiction as outlined in Cross's Development of the English Novel, supplemented by lectures. In connection with the work thus outlined the class makes an analytical study of selected masterpieces of English prose fiction, and also pursues an extended course of reading, each work assigned forming the basis of examination upon the principles developed in the class.

Junior elective course. Three hours a week during the year.

Professor MAXCY.

8. *The Elizabethan Drama*.—The rise of the Elizabethan drama; critical reading and discussion of plays of Marlowe, Ben Jonson,

Beaumont and Fletcher, Webster and a large group of Shakspeare's most important works.

Senior elective course. Three hours a week during the year.

Professor SPRING.

9. *The Literature of the Seventeenth and Eighteenth Centuries*.—Lectures on the progress and interpretation of English letters in this period.

Senior optional course. Three hours a week during the second half-year.

Professor SPRING.

10. *Literary Forms in the Modern Period*.—Selected literary forms are studied with respect to their origin and development: (a) English elegies,—Lycidas, Adonais, Thyrsis, and, by way of contrast to the conventional elegiac form, In Memoriam; (b) English pastoral poetry, similarly studied; (c) subject to be announced, probably English versification.

Junior elective course. Three hours a week during the year.

Assistant Professor MATHER.

ELOCUTION

Assistant Professor LIVINGSTON.

The course for Freshmen, covering the first half-year, begins with two lectures on the essentials of good speaking. This is followed by individual drill in declamation, four rehearsals, including delivery before a small division of the class, being required of each man. The choice of speakers for the prize contest in declamation is based on this work. Sophomores receive training in the delivery of orations of their own production, either written and committed to memory, or carefully prepared from notes. Four rehearsals, including a final speaking before members of the class, are required of each man during the second half-year, and this work determines the appointments for the preliminary contest in oratory.

In the Junior year the delivery of orations is optional, being confined chiefly to those who are candidates for the prize contest. Men who take English 5 are also entitled to rehearsals preparatory to the debates in that elective.

In the Senior year students who are appointed for commencement parts are trained in preparation.

Extended drill is given in all cases to speakers who compete in prize contests. Opportunity for systematic work in the development of the voice and in expression is afforded to members of all classes through concerted exercises given four times a week during part of the winter. In connection with these exercises, individual instruction is given to students desiring special work as a preparation for public speaking.

FRENCH

Professor MORTON, Assistant Professor MATHER and Mr. BILLETDOUX.

1. *Elementary French*.—Grandgent's Short French Grammar. Composition. Reading of modern French.

Freshman required course. Three hours a week during the year.

Professor MORTON and Mr. BILLETDOUX.

2. *Second Year French*.—Study of Syntax. Composition. History of French literature from the beginning to the eighteenth century. Lectures. In connection with this, selections from the early literature are read to the class. The chief part of this course is devoted to the reading of seventeenth century literature. The use of the French language in the class-room is gradually increased.

Elective course. Open to all who have taken French 1. Three hours a week during the year.

Professor MORTON and Assistant Professor MATHER.

[3. *Advanced French*.—Poetry and drama of the nineteenth century. Reading, composition and oral practice. Outside reading. Lectures.

Elective course alternating with French 4 and open to all who have taken French 2. Omitted 1899–1900. Professor MORTON.]

4. *Advanced French*.—The French novel of the nineteenth century. Reading, composition and oral practice. Outside reading. Lectures.

Elective course alternating with French 3 and open to all who have taken French 2. Three hours a week during the year.

Professor MORTON.

GERMAN

Professors WAHL and GOODRICH.

1. *Elementary German*.—Grammar. Composition. Reading of narrative prose and lyrics.

Sophomore required course. Three hours a week during the year.

Professor WAHL.

2. *Intermediate German*.—Meyer's *Das Amulet*; Schiller's *Historische Skizzen* and *Wilhelm Tell*; Goethe's *Hermann und Dorothea*; Lessing's *Minna von Barnhelm*. Grammar and Composition. Incidental lectures.

Junior elective course. Three hours a week during the year.

Professor GOODRICH.

3. *Advanced German Prose*.—Reading, composition, and oral practice. Required as a third year course for students without Greek, elective for others. Three (four) hours a week during the year.

Professors WAHL and GOODRICH.

4. *Elective Advanced German*.—Goethe and the classic period. Goethe's Faust, Part I. complete and Part II. in selections; and other contemporaneous works of the classic period. Practice in writing German and in oral use of the language, based on private reading assigned. Incidental lectures.

Senior elective course. Three hours a week during the year.

Professor WAHL.

ITALIAN

Assistant Professor MATHER.

Grandgent's Italian Grammar; one or more comedies of Goldoni; selections from modern Italian prose; reading in the Divina Commedia; lectures on Italian literature of the thirteenth and fourteenth centuries.

Senior and Junior elective course. Open also to Sophomores of Groups II.–V. Three hours a week during the year.

HEBREW

Mr. LIVINGSTON.

A Course for Beginners.—Harper's Introductory Hebrew Method and Manual; reading of the book of Genesis and other narrative portions of the Bible, with some reading at sight.

Senior and Junior elective course. Three hours a week during the year.

DEPARTMENT OF BIBLICAL STUDY

Mr. BURR.

Introduction to the New Testament.—One of the Gospels is selected as the basis of the study, the Greek text used being Dr. Riddle's revision of Robinson's Harmony of the Gospels in Greek, and the Cambridge Greek Testament. The critical work includes an examination of the text, with its variation in manuscripts, versions, and patristic quotations. Each section of the Gospel is studied in its relation to other accounts, and with reference to its chronological order. The more practical investigation of the subject is conducted on the line indicated in Dr. Harper's Inductive Bible Studies.

Senior elective course. Three hours a week during the year.

DEPARTMENT OF PHILOSOPHY

President CARTER and Dr. PERRY.

1. *Natural Theology*.—Flint's Theism.

Senior optional course. Three hours a week during the first half-year.

President CARTER.

2. *Psychology*.—Elementary description and explanation of the psychological life. Text-book, recitations and lectures.

Junior required course. Three hours a week during the first half-year. Dr. PERRY.

3. *Logic*. Deductive and inductive reasoning. The problem of knowledge will be considered as an introduction to the general problems of philosophy. Text-book, recitations and lectures.

Junior required course. Three hours a week during the second half-year. Dr. PERRY.

4. *Ethics*.—The theory of human conduct. Lectures and collateral reading.

Senior optional course. Three hours a week during the first half-year. Dr. PERRY.

5. *History of Philosophy*.—Philosophy studied through philosophers. Representative men and representative points of view. Lectures and collateral reading.

Senior elective course. Three hours a week during the year.

Dr. PERRY.

DEPARTMENT OF HISTORY AND ART

Professors RICE and GOODRICH.

1. *Mediaeval History*.—History of European civilization during the Middle Ages, with special reference to the origin and development of architecture.

Junior optional course. Three hours a week during the second half-year. Professor RICE.

2. *Modern History*.—A general course on the history of Europe and America during the sixteenth and seventeenth centuries, with special attention to the influence of the Reformation on the political development of Europe.

Junior optional course. Three hours a week during the second half-year. Professor GOODRICH.

3. *European History*.—This course will cover the period from 1789 to 1870, its aim being to acquaint the student with the principal features in the political development of modern Europe. During the first half-year special attention will be given to the French Revolution and the Napoleonic Empire; during the second half-year to the union of Italy and the founding of the new German Empire.

Senior elective course. Three hours a week during the year.

Professor GOODRICH.

4. *English and American History*—A study of the origin and development of institutions in England and America, and of certain periods in the political history of the United States during the nineteenth century. The general aim of this course, in its method and subject, is to prepare students for the study of law.

Senior elective course. Three exercises (six hours) a week during the year.
Professor RICE.

5. *History of Architecture*.—A study of the forms and history of the arts of design, especially as expressed in architecture and ornament. Photographs, lantern slides, and diagrams are used for illustration (see page 57).

Senior elective course. Three exercises (six hours) a week during the year.
Professor RICE.

DEPARTMENT OF POLITICAL AND SOCIAL SCIENCE

Professor BASCOM and Assistant Professor BULLOCK.

1. *Political Science*. Of the following sub-courses which are included in this course, the first five will be given consecutively and the remainder alternately :

- (a) The Principles of Jurisprudence. Lectures.
- (b) The Constitution of the United States. Andrew's Manual.
- (c) The Historical Development of the Constitution to the present time. Lectures.
- (d) The English Constitution. Lectures.
- (e) English Constitutional History. Text-book and lectures.
- (f) International Law. Lectures.

Senior and Junior elective course. Three hours a week during the year.
Professor BASCOM.

2. *Political Economy*.—Political economy is first studied as an abstract science, treating of certain specified relations. It is then taken in connection with sociology, as modified by the circumstances under which its principles are applied. Text-book and lectures.

Junior required course. Three hours a week during the first half-year.

Assistant Professor BULLOCK.

3. *Sociology*.—The aim of this course is to give economics, ethics, and civics their true and immediate bearing on our social life. Text-book, Bascom's Social Theory.

Senior optional course. Three hours a week during the second half-year.
Assistant Professor BULLOCK.

4. *Political Economy*.—Money, transportation and public finance. Text-book, lectures and collateral reading.

Junior and Senior elective course. Three hours a week during the year. Assistant Professor BULLOCK.

DEPARTMENT OF THE MATHEMATICAL AND NATURAL SCIENCES

MATHEMATICS

Assistant Professor FERRY, Dr. HARDY and Dr. MENDENHALL.

1a. *Solid Geometry*.—Books VI, VII, and VIII of Wentworth's New Plane and Solid Geometry.

1b. *Algebra*.—Progressions, binomial theorem, partial fractions, logarithms, determinants, etc. Wells's College Algebra.

Freshman required courses. Four hours a week during the first half-year. Assistant Professor FERRY and Dr. HARDY.

1c. *Plane Trigonometry*.—Solutions of right and oblique triangles, computation and use of logarithms, etc. Applications to mensuration and surveying. Phillips and Strong's Elements of Trigonometry.

Freshman required course. Four hours a week during the second half-year.

Assistant Professor FERRY.

1d. *Field Work in Surveying*.—The practical use of instruments, including determination of heights, simple triangulation, measurement of areas and levelling.

Required course for those taking Mathematics 1c or 5.

Dr. HARDY.

5. *Theory of Equations*.—Barton's Theory of Equations.

Freshman special course to be taken in addition to Mathematics 2a and 2b by those entering with Mathematics 1. One hour a week during the year.

Dr. HARDY.

2a. *Analytical Geometry*.—Plane analytical geometry, with an introduction to analytical geometry of three dimensions. Nichols's Analytical Geometry.

Sophomore elective course. Three hours a week during the first half-year. Dr. MENDENHALL.

2b. *Differential Calculus*.—Methods of differentiation, expansion of functions, indeterminate forms, etc. Osborne's *Differential and Integral Calculus*.

Sophomore elective course. Three hours a week during the second half-year. Dr. HARDY.

3a. *Differential and Integral Calculus*.—Applications of differential calculus to plane curves; methods of integration, etc. Osborne's *Differential and Integral Calculus*.

Junior elective course, open to those who have taken Mathematics 2b. Three hours a week during the first half-year.

Assistant Professor FERRY.

3b. *Integral Calculus*.—Definite integrals, rectification of curves, multiple integration, areas, volumes, moments of inertia, etc. Osborne's *Differential and Integral Calculus*.

Junior elective course. Three hours a week during the second half-year. Dr. HARDY.

4a. *Differential Equations*.—Murray's *Differential Equations*.

Senior elective course, open to those who have taken Mathematics 3a and 3b. Three hours a week during the first half year.

Dr. HARDY.

4b. *Modern Methods in Analytical Geometry*.—Abridged notation, line coördinates, harmonic division, and projection. Lectures, with references to Salmon's *Conic Sections* and other works.

Senior elective course. Three hours a week during the second half-year. Assistant Professor FERRY.

ASTRONOMY

Professor SAFFORD.

1. *Elementary Astronomy*.—Exercises in mathematical geography and conic sections; spherical trigonometry and computation. Descriptive astronomy. Lectures and discussions upon the history of astronomy. Practical exercises with portable instruments, and with fixed instruments in the observatory.

Junior elective course. Three hours a week during the year.

2. *Exercises in Practical Astronomy*.—The instruments principally used, besides time-pieces, are the sextant, transit instrument, meridian circle, universal instrument and equatorial. The object of the course is to give additional practical knowledge of the subject, and facility in handling instruments and using formulæ. Computation of comets' orbits.

Senior elective course. Three hours a week during the year.

3. *Astronomy*.—A course of instruction in practical astronomy is offered to graduates or persons qualified to pursue it. It will include as far as required the following subjects: theory and use of instruments; the art of computation; the method of least squares; reduction; criticism and discussion of observations; computation of the orbits of comets and planets, and, for any who are sufficiently advanced, special and general perturbations. Students who wish to pursue geodesy, instead of astronomy proper, can substitute triangulation and the figure of the earth for certain portions of astronomy. Mathematical subjects not included in the college course will be taken up so far as is necessary. Every encouragement will be given to qualified persons to carry on independent research in these branches. Direction will also be given to the work of students who wish to prepare themselves to become teachers of mathematics on the lines indicated by Professor Safford in his monograph on *Mathematical Teaching and its Modern Methods* (Boston, D. C. Heath & Co.).

CHEMISTRY

Professor MEARS and Mr. REYNOLDS.

The work in chemistry is divided into the following courses:

1. *General Chemistry*.—This course aims to teach the principles of the science in connection with the study of the non-metallic elements. It is also preliminary to the elective courses. Instruction is given by lectures and recitations, supplemented by work in the laboratory, to which about one third of the time is devoted.

Sophomore required course. Three times a week during the first half-year.

2a. *Chemistry*.—This course includes lectures and examinations on the occurrence, preparation, and uses of the metals and their compounds, and is introductory to the study of qualitative analysis. The course in analysis is carried on in connection with these lectures, and embraces the analysis of the more common salts and mineral substances, with examinations on the methods involved.

2b. *Chemistry*.—The exercises, after Easter, are devoted to the study of the methane series of carbon compounds.

Elective course for students who have taken Course 1. Three exercises (six hours) a week during the year.

3. *Chemistry*.—The first third of the year is devoted to quantitative analysis and includes the determination and separation of the more common bases and acids. Both gravimetric and volumetric methods are employed. The second third of the year is devoted to the prepa-

ration of inorganic compounds from crude materials and a review of the principles involved in their purification. The remainder of the year is devoted to the preparation and study of organic compounds. Opportunity is also given for the sanitary analysis of water and, to those desiring it, for work in medical chemistry.

Elective course for students who have taken Courses 1 and 2. Three exercises (six hours) a week during the year.

PHYSICS

Professor LEFAVOUR, Dr. MENDENHALL and Dr. WAIDNER.

1. *General Physics*.—The instruction includes lectures with experimental demonstrations, oral and written recitations, and twenty practical exercises in the laboratory. The first half-year is devoted to kinematics, dynamics, sound and heat; the remainder of the year to light and electricity. The purpose of the course is to state and explain the general principles of the science, and to find their application in the experiences and phenomena of daily life. A knowledge of elementary mathematics, including plane trigonometry, is essential.

Sophomore required course. Three hours a week during the year.

Professor LEFAVOUR.

2. *Practical Physics*.—The course consists of a series of physical measurements in the laboratory, together with a number of lectures on the methods and principles involved, with reference to the scientific literature bearing on each problem. Sixty exercises are required, of which forty are prescribed. The latter include measurements of length, volume, mass, density, elasticity, gravity, capillarity, heat, light and electricity. The remaining twenty may be chosen from an optional list of groups which will enable the student to emphasize either general physics, chemical physics, or measurements in electricity.

Junior and Senior elective course. Three exercises (six hours) a week during the year.

Professor LEFAVOUR, Dr. MENDENHALL and Dr. WAIDNER.

3a. *Mathematical Electricity*.—The elements of the mathematical theory of electricity and magnetism; text-book, J. J. Thompson's *Elements*. Mathematics 2 and 3a are necessary and Mathematics 3b and 4 are desirable as a preparation for this course.

Senior elective course. Three hours a week during the first half-year.

Dr. MENDENHALL.

3b. *Theoretical Mechanics*.—The course is designed to form a basis for subsequent work in engineering and applied mechanics. Text-

book and lectures. The course is open to those who have taken Physics 3a or Physics 4a.

Senior elective course. Three hours a week during the second half-year. Dr. MENDENHALL.

4a. *Advanced General Laboratory Physics*.—The course consists of the repetition of certain classic physical experiments and the solution of experimental problems of considerable difficulty, the details of preparation being left to the student. Collateral reading. The course is open only to those who have had Physics 2.

Senior elective course. Three exercises, six hours a week, during the first half-year. Dr. MENDENHALL and Dr. WAIDNER.

4b. *Applied Electricity*.—Lectures on the transmission of electrical energy, accompanied by laboratory measurements in applied electricity and magnetism, and study of the characteristics and efficiency of dynamos. The course is open to those who have had Physics 2 and Physics 3a or 4a.

Senior elective course. Three exercises, six hours, a week during the second half-year. Dr. WAIDNER.

[5. *Chemical Physics*.—In this course the physical theories of chemistry are studied, accompanied by a series of laboratory exercises. In the latter part of the course the laboratory investigation of special problems is undertaken. The course is open only to those who have taken Chemistry 2 and Physics 2.

Senior elective course. Three exercises a week during the year. Omitted 1899-1900. Professor LEFAVOUR.]

BIOLOGY

Professor CLARKE, Assistant Professor KELLOGG, and Mr. RICHARDSON.

1. *General Biology*.—This course is an introduction to the study of living matter and of its relations to inorganic matter, or matter in the non-living state.

A somewhat detailed study of a number of typical animals and plants is made the basis for discussions of the leading principles of general biology, *e. g.*, the nature of protoplasm, cell life, the relations of animals and plants, some of the main points in embryology, heredity, and evolution, the structure and functions of bacteria and their relations to human life. There will also be given a brief review of the history of biology, showing how this science has come to its present condition, and what its general problems are.

Sophomore required course. Three hours a week during the first half-year.

2 (a). *Comparative Anatomy of Vertebrates*.—A laboratory study is offered of a series of vertebrates, including successively a selachian (skate), a teleostome (cod), an amphibian (frog and tadpole), a reptile (young alligator), bird (pigeon), and a mammal (guinea-pig or rabbit). Fresh material is provided in all cases, and advantages offered for the general study of vertebrate morphology and the modifications of the various systems.

Laboratory study is supplemented by short lectures which aid to the understanding of the material under dissection. More formal lectures discuss the zoölogy and classification of the various groups of which the selected forms are representatives. At the close of the course lectures are given upon the work of Darwin and some related problems now attracting attention.

(b). *Embryology*.—Following the work in anatomy there will be offered a discussion of the development of a vertebrate, with laboratory study of the amphibian eggs common in the locality. The segmentation of the egg, origin of the primary layers, and subsequent changes of form will be observed in the growth of the embryo, together with the differentiation of the various organs of the body.

Junior and Senior elective courses. Three exercises (six hours) a week during the year.

3 (a). *Invertebrate Zoölogy and Histology*.—Some of the principles of animal morphology are brought out during the year in the laboratory study of certain orders of invertebrates, taken successively from the Protozoa, Porifera (Grantia, etc.), Coelenterata (Hydra and hydroids), Platyzoa (freshwater forms), Annelida (Lumbricus), Mollusca (Mya, Sycotypus, Loligo), Echinodermata (Asterias), Crustacea (crayfish), and Insecta (Acridium).

The lectures which attend the work are designed partly to aid in the laboratory study, and also to set forth certain problems of biology as illustrated in the several groups from which the above forms are taken as representatives. There will also be laboratory practice in the preparation of material for microscopic study, such as staining, mounting, section cutting, etc., with demonstrations of the histology of the adult tissues as far as time will allow.

(b). During the second half of the year a laboratory study in the embryology of the chick is offered. The work is prefaced by several lectures and demonstrations illustrating the phenomena of fertilization, karyokinesis, and segmentation. The general development of the organs of the chick is then studied with Foster and Balfour's Embryology as a guide. Ample illustrations are presented in the lecture-room by the projection microscope and diagrams, while the student

has every facility for making preparations of the various stages of the development.

Senior elective course, open to those who have taken Courses 1 and 2. Three exercises (six hours) a week during the year.

HYGIENE, ANATOMY, AND PHYSIOLOGY

*Professor WOODBRIDGE.

1. *Hygiene*.—A series of lectures on subjects pertaining to health and habits of study. Each member of the class is subjected to an examination of heart, lungs and eyes for the purpose of giving him any personal suggestions that may seem advisable. .

Hutchinson's *Physiology and Hygiene* and Rohe's *Text-book of Hygiene* are recommended for reference.

Freshman required course. One hour a week from Christmas to Easter.

2. *Anatomy and Physiology*.—An effort is made to exhibit not only the results, but also the methods of physiological research.

During the first term the instruction is by lectures and syllabus. The aim of the course is to give the student a general view of physiology with sufficient anatomy and histology to make the subject intelligible. Foster's *Physiology* (1 vol. edition), Ladd's *Physiological Psychology*, and Raymond's *Manual of Human Physiology* are suggested as books of reference.

During the second and third terms the instruction is by text-book,—Gray's *Anatomy*. The subjects studied are osteology, joints, and muscles.

It is hoped, by adding this course to the electives in the natural sciences, to afford material aid to those planning to pursue medical study. Faithful work in these departments will secure for the student advanced standing in several medical colleges.

Senior elective course. Three hours a week during the year.

During the spring term, at the request of successive Senior classes, a short course of lectures has been given on practical questions relating to the hygiene of the home.

GEOLOGY AND BOTANY

Mr. DALE.

Two thirds of this course is devoted to geology with some mineralogy, and the remainder to botany. The botany is begun with the geology in the fall and completed after Easter.

* Deceased, Nov. 3. Arrangements will be made to continue his work.

The geological course consists of lectures and recitations on elementary geology, petrography, paleontology, and mineralogy, the study of specimens, several geological excursions, and the preparation by each student of a paper on some assigned outdoor subject. Archibald Geikie's *Class-Book of Geology* will be used as an introduction. The various departments of geology will be subordinated to structural and historical geology.

The mode of instruction is designed to combine the advantages of both the recitation and lecture system, and to supplement these with training in observation both in the museum and in the field.

The course in botany is conducted on the same principles. Emphasis will be laid on the external morphology of plants and on systematic botany, with a view of making the student acquainted with the more common flowering plants and of teaching him to study them by groups and orders rather than by species.

The region affords rare facilities for the study of both geology and botany.

Senior elective course. Three lectures and three hours' laboratory work a week during the year, with afternoon excursions after Easter taking the place of some of the other exercises.

DEPARTMENT OF PHYSICAL CULTURE

Mr. SEELEY.

Exercises consisting of marching, calisthenics, and light gymnastics with wands, clubs, chest-weights, and dumb-bells.

Freshman required course. Four half-hour periods a week during the first half-year. Two one-hour periods a week February 16 to Easter.

Elective work in the gymnasium is offered to the other classes, and every effort is made to encourage outdoor sports.

EXHIBIT OF STUDIES

The following exhibit of studies indicates the courses of instruction that are required of each class. Sixteen hours a week are required of the Freshmen and Sophomores, and fifteen hours a week of the Juniors and Seniors in the full course. All the studies of the Freshman year are prescribed. In the Sophomore year ten hours of work are prescribed and six hours are elective. In the Junior year six hours are prescribed, and nine are to be chosen from the elective courses. In the Senior year all the courses are elective, but one course in each half-year must be taken from special groups of half-year courses. Students in Groups II., III., IV., and V. must have completed before graduation the work covered by Courses 1, 2, and 3 in German, and Courses 1, 2, and 3 or 4 in French; those in Group I. must have included in their electives the second year's work in one of these languages. The groups are arranged according to the different conditions of admission stated on page 22. The unenclosed figures refer to the courses of instruction as arranged according to departments in the preceding pages, and the figures in parentheses indicate the number of exercises a week for each course.

FRESHMAN YEAR—REQUIRED COURSES

GROUP I.	GROUP II.	GROUP III.	GROUP IV.	GROUP V.
Elocution	Elocution	Elocution	Elocution	Elocution
English 1, (2)	English 1, (2)	English 1, (2)	English 1, (2)	English 1, (2)
French 1, (3)	*French 3 or 4, { (4)	French 1, (3)	*French 2, { (4)	French 1, (3)
Greek 1, { (4)	Hygiene,	*German, 3, { (4)	Hygiene,	*German 2, { (4)
Hygiene,	German 1, (3)	Hygiene,	German 1, (3)	Hygiene,
Latin 1, (3)	Latin 1, (3)	Latin 1, (3)	Latin 1, (3)	Latin 1, (3)
Mathematics 1, (4)	Mathematics 1, (4)	Mathematics 1, (4)	Mathematics 2, (3)	Mathematics 2, (3)
Physical Training	Physical Training	Physical Training	Mathematics 5, (1)	Mathematics 5, (1)
			Physical Training	Physical Training

* Outside reading equivalent to a recitation hour, or an extra recitation hour, is required in addition to the three regular exercises, except during the period between the Christmas recess and the Easter recess, when the lectures in hygiene are given.

SOPHOMORE YEAR

GROUP I.	GROUP II.	GROUP III.	GROUP IV.	GROUP V.
REQUIRED COURSES				
Biology 1, } (3) Chemistry 1, } Elocution	Biology 1, } (3) Chemistry 1, } Elocution	Biology 1, } (3) Chemistry Elocution	Biology, 1, } (3) Chemistry 1, } Elocution	Biology 1, } (3) Chemistry 1, } Elocution
English 2, (1)	English 2, (1)	English 2, (1)	English 2, (1)	English 2, (1)
German 1, (3)	German 2, (3)	French 2, (3)	German 2, (3)	French 2, (3)
Physics 1, (3)	Physics 1, (3)	Physics 1, (3)	Physics 1, (3)	Physics 1, (3)
ELECTIVE COURSES				
French 2	Italian	Italian	French 3 or 4	German 3
Greek 2	Latin 2	Latin 2	Italian	Italian
Latin 2	Mathematics 2	Mathematics 2	Latin 2	Latin 2
Mathematics 2			Mathematics 3	Mathematics 3

Each Sophomore is required to choose two of the following three-hour courses.

JUNIOR AND SENIOR YEARS

JUNIOR REQUIRED COURSES

<i>First Half-year</i>	<i>Second Half-year</i>
English 3	English 3
Philosophy 2, (3)	History 1 } or History 2 } (3)
Political Science 2, (3)	Philosophy 3, (3)

SENIOR REQUIRED COURSE

English 4

SENIOR OPTIONAL COURSES

Seniors are required to choose one of these courses in each half-year.

<i>First Half-year</i>	<i>Second Half-year</i>
Philosophy 1, (3)	English 9, (3)
Philosophy 4, (3)	Political Science 3, (3)

ELECTIVE COURSES

Seniors are required to choose four courses in groups (a) and (b), the hours of which do not conflict. Juniors are required to choose three courses in groups (b) and (c), the hours of which do not conflict. Each course consists of three exercises a week.

(a)

Astronomy 2	German 4	Philosophy 5
Biblical Study	History 3	Physics 3
Biology 3	History 4	Physics 4
Chemistry 3	History 5	
English 8	Mathematics 4	

(b)

Anatomy	Geology-Botany	Latin 2
Astronomy 1	German 2	Latin 3
Biology 2	German 3	Mathematics 2
Chemistry 2	Greek 2	Mathematics 3
English 10	Greek 3	Physics 2
French 2	Hebrew	Political Science 1
French 4	Italian	Political Science 4

(c)

English 5	English 7
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GENERAL INFORMATION

LIBRARY

The College Library contains forty-four thousand two hundred and fifty volumes, exclusive of duplicates, and over sixteen thousand pamphlets. The card catalogue now covers this entire collection, bound and unbound. For the maintenance and enlargement of the library about four thousand dollars are expended annually. The Lawrence, Jonathan Phillips, Adriance, Jones, Class of 1878, and Josiah William Wheeler funds represent a capital sum of forty-eight thousand five hundred dollars, the income from which is increased by gifts, and by special appropriations of the trustees.

Students have direct access to all books. They may draw three volumes at a time, to be retained, if desired, for two weeks, with the privilege of one renewal. Abundant facilities are afforded for reading, study, and writing during library hours.

The library is open every week day during the entire year. In term time the hours are from 8.30 A. M. to 12.30 P. M., from 2 P. M. to 6 P. M., and, for the east wing only, from 7.30 P. M. to 9.30 P. M. On Sundays during the college year the library is open, for reading and reference only, from 2 P. M. to 5.25 P. M. In vacation the hours are from 10 A. M. to 12 M., on week days only.

A special effort is made to promote the seminary method. For this purpose reference books bearing on the term's work are placed in a special department of the east wing. Branch libraries are established in the Thompson Laboratories, bringing the books bearing on biology, chemistry, and physics within the immediate reach of students in those departments. With the same method in view, books used for special study in language, history, or philosophy are placed in rooms of the library or other college buildings reserved for this purpose.

The libraries of the Philotechnian and Philologian Societies, containing nine thousand volumes, are open to their members Wednesdays and Saturdays.

A comfortable reading-room, well supplied with daily and weekly papers and other current literature, is maintained under the auspices of the Mills Young Men's Christian Association.

LABORATORIES

The departments of biology, chemistry, and physics are located in the three buildings presented to the college by the late F. F. Thompson, Esq., of New York City.

The Biological Laboratory contains three laboratories for the various courses offered, a general lecture room, a library and reading-room where much of the current literature of biology is kept on file, also a room for illustrative collections, and an aquarium. The work of instruction and research commands the aid of suitable apparatus, such as microscopes, microtomes, ovens, baths, and other necessary appliances, together with a large series of charts, models, and illustrative collections, which are being continually increased. There is also a complete stereopticon outfit, with projection microscope and arc light.

The Chemical Laboratory contains three large laboratories, private laboratories, lecture and recitation rooms, and a reference library, all of which are supplied with the best modern appliances.

The Physical Laboratory contains a well appointed lecture room, a recitation room, separate laboratories for the work of the different classes, a department library, and rooms especially arranged for advanced work in electricity, magnetism, light, and chemical physics. Power is furnished by a Westinghouse engine of fifteen horse-power, and the electrical equipment includes a five kilowatt dynamo, experimental dynamos and motors, Weston measuring instruments, galvanometers, standard cells, condensers, and resistances. A storage battery of thirty

cells furnishes current for the electric lights used in the lecture room and laboratories. A workshop in the basement contains an additional engine, a water-motor, a 13" lathe, a grinder, and other tools for working in metal and wood.

OBSERVATORIES

The astronomical department of the college possesses two observatories for illustration and scientific investigation. The older was built by Professor Albert Hopkins in 1838, and contains an equatorial by Phelps of Troy, N. Y., with an object glass by Alvan Clark, Senior, which has an aperture of 7 inches. This instrument was constructed about 1852 and is interesting as an early example of Clark's optical work. It is employed for instruction and the observation of occasional phenomena. The other rooms of the Hopkins Observatory contain meteorological apparatus and a transit instrument, now little used, by Troughton and Simms, with an aperture of $3\frac{3}{4}$ inches.

In another part of the town a plot, comprising five acres and a half, was purchased in 1881 for astronomical purposes. At present this enclosure contains the Field Observatory, an iron meridian house, built at the expense of the Hon. David Dudley Field, together with a hut for the accommodation of portable instruments. The main instrument of this observatory is a fine meridian circle by A. Repsold and Sons of Hamburg, with a telescope of $4\frac{8}{10}$ inches aperture and a circle divided to 2' of arc, reading by four microscopes to single seconds directly. The meridian circle is provided with the necessary clock, a fillet chronograph, and collimators according to Rittenhouse. In addition, the department of astronomy is provided with a sufficient number of portable instruments, among which are two telescopes for the simpler observations, a portable transit which can be used for a zenith telescope, and two theodolites, one of them a Wanschaff universal with seven-inch limb, latitude level, and micro-

scopes reading to 5" directly. There are also several instruments of reflection, including sextants, a prismatic circle, sailors' octants, with chronometers and artificial horizons and other small pieces of apparatus. The meteorological apparatus has been kept in regular use since about 1816.

CLASSICAL SOCIETY

The Classical Society, formed of instructors and students in the elective Latin and Greek courses, has for its object the encouragement of original research. It holds its regular meetings in the College Library, on the second Tuesday evening of each month, for the reading and discussion of original papers and for reports in the fields of Greek and Latin philology and archæology.

LYCEUM OF NATURAL HISTORY

This organization was founded in 1835, and is maintained by the students of the college in connection with the department of biology. Regular bi-weekly meetings are held, at which reports are presented by the members or by visiting biologists. Public lectures are also given at intervals during the year under the auspices of this society.

A fund established by the late William J. Walker equips expeditions, organized for the purpose of making collections and of study, at more or less distant points. This fund, which, by the terms of the gift, is available every fourth year, was last applied in the summer of 1897, for the encouragement of biological research at the Marine Biological Laboratory, Woods Holl, Mass.

The Lyceum of Natural History was provided with a building, Jackson Hall, named in honor of its donor, the late Nathan Jackson, in which a museum is located, which contains scientific material collected by former expeditions, together with ethnological material sent to the college by its missionary graduates, besides various collections belonging to the college.

ART ASSOCIATION AND COLLECTION

The Williams Art Association, an organization of the students, under the direction of Professor Rice, provides lectures and exhibitions during the autumn and winter terms, which supplement the elective course mentioned on page 41. The material used in this work has been provided largely by gifts of alumni and friends, who show their interest in this feature of college life by annual contributions to the support of the course in the history of art. Room No. 13 in the Hopkins Memorial Building has been fitted up for displaying and storing the photographs, prints, and other illustrations purchased from time to time.

A valuable collection of paintings, bas-reliefs, Etruscan vases, and Peruvian pottery, the gift of the late Mrs. John W. Field, of Philadelphia, is on exhibition in the Library.

The gift of suitable works of art is solicited by the trustees of the college, subject to approval by a committee of their number.

MUSEUM

The college cabinet as recently rearranged in Clark Hall includes the following collections: mineralogical, petrographical, paleontological, geological (structural), geological (local), conchological (synoptic), and botanical.

Included in this list are certain special collections, such as the Wilder Mineralogical Cabinet, given, as was the building itself, by the late Edward Clark, of the class of 1831, the geological collection of the late Prof. Ebenezer Emmons, and the herbaria presented to the college by several persons.

These collections include everything needed for college work in geology, mineralogy, and botany.

Clark Hall is also provided with tables and dissecting microscopes for laboratory work in botany.

GYMNASIUM

The Lasell Gymnasium, erected and equipped at a cost of \$50,000, chiefly by the munificence of the widow of the late Hon. Josiah Lasell, of the class of 1844, and of his son, Josiah Manning Lasell, of the class of 1886, furnishes abundant facilities for physical development. The apparatus is the outcome of the study and invention of the best teachers of gymnastics. Pulley-weights of the best pattern, adjustable to varying strength, light Indian clubs, dumb-bells, both of wood and of iron, horizontal and parallel bars, rings, and apparatus for developing special muscles are used under the immediate supervision of an instructor. An inclined padded running track 229 feet in length, baseball cage, and bowling alleys are important features of the building. It is provided with hot and cold water, tub, sponge, and shower baths, and three hundred and seventy lockers. There are several class drills daily in the main hall at hours suiting the convenience of the students. A careful examination and measurement of each student is made by the Director, not only soon after entering college, but also at occasional intervals later in the course, in order that the exercise may be adapted to individual peculiarities, and a symmetrical development secured. Gymnastic exercise is required of the Freshman class until the Easter recess.

FIELD SPORTS

The smaller athletic fields near the college buildings afford practice in lawn-tennis and baseball, while the large Weston Field, the gift of the Hon. Byron Weston, of Dalton, affords opportunity for baseball, football, and track athletics. The Athletic Council has undertaken the raising of a sufficient sum for the permanent improvement of Weston Field. The golf links of the Taconic Club is open, upon moderate terms, to student players.

COLLEGE INFIRMARY

Through the generosity of friends of the college a house has been provided where students who are ill can receive proper attention. Friends of inmates who wish to assist in their care can be accommodated at the infirmary, and in severe cases trained nurses may be secured at the expense of the patient. Each student received into the infirmary pays his own board and that of his nurse. Students are assessed three dollars a year for the maintenance of the infirmary.

THOMPSON COURSE OF ENTERTAINMENTS

This course, which for many years was sustained by the liberality of the late F. F. Thompson, Esq., of New York City, provided lectures, concerts, and other entertainments during the winter. Mrs. Thompson has generously offered to continue the course for the current year.

ORDER AND DISCIPLINE

It is the aim of the college to develop in the individual student the sense of personal responsibility for good order and a high standard of scholarship, and to secure, in the largest measure, his coöperation with the faculty in the development of his own character. But if such coöperation is plainly impossible, a student may be dismissed from college even without previous warning.

ATTENDANCE ON COLLEGE EXERCISES

Attendance is required upon nine-tenths of all college exercises, and if a student fail for any cause to meet this requirement of attendance upon secular exercises, work additional to that done by the class will be assigned in some department or departments of study in which the failure has occurred. This assignment of extra work will be made by a committee of the faculty in consultation with

the instructor, and will be announced at the end of the half-year.

The regulation of attendance upon both the secular and religious exercises is entrusted to the Dean. He is authorized to establish such rules for attendance upon the religious exercises of the college as he may deem necessary, and to place under probation any student who fails to meet these requirements, or whose attendance on recitations and lectures is especially irregular. If a student does not comply with the conditions of the probation, the Dean may dismiss him from college ; but any student thus dismissed has the right of an appeal through the Dean to the faculty.

EXAMINATIONS

At the close of the first half-year the students are examined upon the work of that half-year, and at the end of the year upon the work of the second half-year. These examinations cannot be taken before the times appointed by the faculty. Students who by reason of illness are excused from these examinations, and students who fail to pass them, are examined at such times as the faculty may appoint.

DEGREES

Bachelor of Arts.—The degree of Bachelor of Arts is conferred by vote of the trustees at the annual Commencement upon students who have completed a full four years' course to the satisfaction of the faculty, have paid their dues to the Treasurer, and have returned all books belonging to the library ; but the degree may be forfeited by misconduct at any time previous to the close of the Commencement exercises.

Master of Arts.—The degree of Master of Arts will be conferred upon graduates of this college, or of any college which grants the Bachelor's degree under similar or equivalent conditions, who have spent one year in residence at this college pursuing two approved courses of study in

different departments, the total work being equal to that of a college year, and who have passed satisfactory examinations on both subjects and have prepared a satisfactory thesis.

The degree will be conferred upon graduates of this college, who have spent one year in residence at any academic or scientific institution engaged in non-professional study, and, who, having been registered at this college as candidates for the degree not less than a college year, have fulfilled the conditions regarding courses of study, examination, and thesis specified in the preceding paragraph.

The degree will be conferred upon graduates of this college, not earlier than three years after their graduation, who, not having been in residence, but having been registered at this college as candidates for the degree not less than two years, have fulfilled the conditions with regard to courses of study, examination, and thesis specified in the first paragraph.

Each candidate for this degree must register his name, address, and course of study with the Secretary of the Faculty, not later than the fifteenth of October of the year for which he desires registration. Blank forms for registration may be obtained upon application. This registration must be renewed each year for which the applicant desires to be considered a candidate. A registration fee of five dollars must be paid at the time of the first registration.

Each candidate must submit two courses of study, not in the same department. These courses must meet the approval of the professors to whose departments they are related, and of the faculty committee on graduate students (consisting for the present year of the Dean of the Faculty and Professor Hewitt). Of these courses one, to be known as the major course, must be equivalent to at least two-thirds of the work of a college year, and the other, to be known as the minor course, must be equivalent to at least one-third of the work of a college year.

The thesis required of each candidate must treat a subject related to the major course of study. It must be submitted not later than the fifteenth of May of the year in which the candidate desires to be examined, and must meet the approval of the professor to whose department it is related and of the faculty committee on graduate students. A copy of the thesis, printed or typewritten on paper of the size usually used in a typewriter, must be deposited in the college library.

In addition to the registration fee, a charge of twenty dollars will be made for the examinations. It must be paid at the time the examinations are taken. No further charge is made for the diploma.

Candidates in residence who desire instruction will be charged forty dollars for each course in addition to the prescribed fees for registration and examination. This will entitle them to one weekly period of instruction in each course. An additional charge may be made for the use of laboratory apparatus.

Successful candidates for the degree are expected to be present at the time the degrees are conferred unless previously excused by the President.

RECORDS AND REPORTS

A report of scholarship and conduct is made to every student's parent or guardian at the close of each half-year, and at such other times as the faculty may deem expedient. A permanent record is also kept of each student's scholarship, and by this record his final rank is determined.

PUBLIC WORSHIP

College Prayer is observed every week-day morning and Sunday evening, and all students are required to be present.

A church service is also held every Sunday morning in the College Chapel, and the attendance of all students is required. Members of other churches may be excused

at the request of their parents or guardians to attend the services of their own denominations.

The preachers for the year, not connected with the college, have been :

Rev. Dr. Jenkins, of Portland, Maine ; Rev. Dr. Pattison, of Rochester Theological Seminary ; Rev. Joseph H. Twichell, of Hartford, Conn. ; Rev. Edward M. Noyes, of Newton Center ; Rev. Dr. Hincks, of Andover Theological Seminary ; Rev. Dr. J. Balcom Shaw, of New York City ; Rev. Dr. Dewey, of Concord, N. H. ; Rev. Dr. Hodges, of the Episcopal Theological Seminary of Cambridge ; Rev. Frank R. Shipman, of Andover ; Rev. Edward C. Moore, of Providence, R. I. ; *Rev. Dr. Hopkins, of Hamilton College ; Rev. John L. Kilbon, of Boston ; Rev. Dr. Denison, of Williamstown ; Rev. Dr. Harris, of Andover Theological Seminary ; Rev. Robert E. Speer, of New York City ; Rev. Dr. Barton, of Boston ; Rev. Dr. Hall, of Union Theological Seminary ; Rev. G. G. Atkins, of Greenfield ; Rev. Austin B. Bassett, of Ware ; Rev. Dr. Merriman, of Worcester ; Rev. I. C. Smart, of Pittsfield ; Rev. H. G. Hale, of Brookline ; Rev. William W. Ranney, of Hartford, Conn. ; Rev. Dr. Miller, of Philadelphia ; Rev. John H. Lockwood, of Westfield ; Rev. Dr. Vincent, of Union Theological Seminary ; Rev. Dr. Alexander, of New York City ; Rev. R. L. Swain, of South Hadley Falls ; Rev. J. H. Whitehead, of Passaic, N. J. ; Rev. Dr. Riggs, of Auburn Theological Seminary ; and Rev. L. A. Clarke, of Brooklyn, N. Y.

Rev. Dr. Gordon, of Boston, addressed the students on the Day of Prayer for Colleges, and also on the evening preceding.

ALUMNI VISITORS

A committee is chosen by the Associated Alumni to visit the college at stated times, and to make an annual

* Deceased.

report. This committee consists at present of the following gentlemen :

(until Commencement, 1900)

John Tatlock, Jr., M.A., of New York City, class of 1882,
The Rev. William M. Grosvenor, of New York City, class
of 1885 ;

(until Commencement, 1901)

The Rev. Carlton P. Mills, of Wollaston, class of 1878,
Julius H. Seymour, Esq., of New York City, class of 1879;

(until Commencement, 1902)

The Rev. Charles L. Hutchins, D.D., of Concord, class of
1861,

Hon. Sanborn G. Tenney, of Williamstown, class of 1886.

PRIZES

BENEDICT PRIZES

The late Hon. Erastus C. Benedict, of the class of 1821, formerly an instructor in the college, established seven first prizes of twenty-five dollars each, which may be awarded annually for excellence in the following departments: Latin, Greek, French, German, Mathematics, Natural History, and History; seven second prizes of fifteen dollars each, which may be awarded in the same departments.

He also founded a prize of twenty-five dollars, to be given annually to that member of the college who, at the close of each college year, shall be found to have received the largest number of prizes.* Honorable mention is here counted as a prize. In case of a tie, the relative grades of the prizes will be taken into account, and honorable mention in Latin or Greek and a Rice book prize will not both be counted.

VAN VECHTEN PRIZE

A prize, amounting to seventy dollars, established by A. V. W. Van Vechten, Esq., of the class of 1847, may be

* For the present an additional sum of \$75.00 will be given each year by a friend of the college to increase this prize to \$100.00.

awarded for extemporaneous speaking. The assignment of this prize will be made by a committee of the faculty on the basis of a public competition.

GRAVES PRIZES

Arthur B. Graves, Esq., of the class of 1858, founded seven prizes, amounting to two hundred dollars, which may be awarded as follows: Six prizes of twenty dollars each for the best six essays prepared by members of the Senior class, on subjects assigned by the faculty; and one prize of eighty dollars to the student who shall deliver his essay in the most effective manner before a public audience.

RHETORICAL PRIZES

On the evening before Commencement, ten speakers, appointed equally from the Junior and Sophomore classes, deliver original orations in competition for five prizes. The income of two thousand dollars, a part of which was given by Elizur Smith, Esq., of Lee, is appropriated for these prizes.

The trustees of the college offer two prizes of twenty dollars and ten dollars respectively to members of the Freshman class for excellence in declamation.

RICE PRIZES

The income of five thousand dollars, left to the college by the late James Lathrop Rice, Esq., is by his will appropriated to the encouragement of Latin and Greek scholarship. Of this income sixty dollars may be awarded at Commencement of each year to that member of the Senior class who shall have shown the fullest and most accurate knowledge of certain Latin classics; and forty dollars to the member of the same class who shall have attained the second rank in the knowledge of the same authors; sixty dollars may be awarded at the same time to the member of the Senior class who shall have shown the fullest and most accurate knowledge of certain Greek classics; and

forty dollars to the member of that class who shall have attained the second rank in the knowledge of the authors in question. The same student may compete for the prizes in both departments, but no prize will be assigned to a student who has not pursued the subject as an elective during both the Junior and Senior years.

DEWEY PRIZE

The late Hon. Francis Henshaw Dewey founded a prize of fifty dollars to be awarded to the member of the graduating class who presents the most creditable oration in point of composition and delivery at Commencement exercises.

LATHERS GOLD MEDAL

The income of a fund of one thousand dollars, received from Col. Richard Lathers, is to be used each year for the making of the Lathers gold medal from a mould or die, for the manufacture of which Colonel Lathers gave an additional sum of one hundred dollars. This medal will be offered in competition to all members of the Senior class who hand to the Secretary of the Faculty on or before the first day of March preceding their graduation, a written essay of not less than one thousand words on "The Duties of Christian Men in Relation to Government," and will be assigned to that writer whose essay has been pronounced by a committee of the faculty to be most worthy of publication. The essay selected shall then be sent by the Secretary of the Faculty to the *Springfield Republican*, or to a journal published in Pittsfield, with the request that it may appear in a near issue of such newspaper. In case no one of the competing essays has been adjudged worthy of publication, no medal for that year shall be awarded.

ADELPHIC UNION PRIZE DEBATE

A public debate is held Commencement week between three members of the Philologian and three of the Philo-

technian societies. The generosity of an alumnus of the college provides for this contest three prizes of twenty-five, fifteen, and ten dollars respectively.

FRANKLIN STORY CONANT PRIZE IN BIOLOGY

This prize, which yields twenty-five dollars annually, has been founded by the Class of 1893, in memory of their deceased classmate, whose name it bears. The award of this prize is made upon the recommendation of the Professor of Natural History, to that member of the Senior class, who in his judgment is best fitted to profit by advanced biological study. The money thus awarded will be used to pay the tuition fee of such student at the Marine Biological Laboratory, Woods Holl.

SCHOLARSHIPS

THE HORACE F. CLARK PRIZE SCHOLARSHIP

The Horace F. Clark Prize Scholarship, in the honor of Horace F. Clark, of the class of 1848, has been established under the provisions of the will of Madame Marie Louise Souberbeille, his daughter, and the income will be awarded as follows :

(1) *For the Freshman year \$200*, to be awarded to the member of the class regularly and faithfully participating in and duly completing the exercises and duties of that year, who upon admission to the college shall have passed a better examination than any other such member of the class.

The examination for this scholarship will be held in Williamstown, on the Monday and Tuesday preceding the opening of the college year in September.

(2) *For the Sophomore year \$200*, to be awarded to the member of the class regularly and faithfully participating in and duly completing the exercises and duties of that year, who shall pass the best examination therefor, the sum to be paid at the end of the Sophomore year.

(3) *For the Junior year \$200*, to be awarded to the member of the class regularly and faithfully participating in and duly completing the exercises and duties of that year, who shall pass the best examination therefor, the sum to be paid at the end of the Junior year.

(4) *For the Senior year \$400*, to be awarded to the member of the class regularly and faithfully participating in and duly completing the duties of that year, who shall pass the best examination therefor, and shall engage to pursue for one year at some academic or scientific institution a course of graduate study (non-professional) to be approved by the faculty, the sum to be paid one half at the end of the Senior year and one half at the close of such year of graduate study. Such graduate student must register his name, address, and course of study with the Secretary of the Faculty not later than the first of November, and must pass a satisfactory examination upon the work assigned. This examination will be held at Williamstown in June.

This scholarship may be withheld whenever in the judgment of the committee the result of the competition, in any class, does not justify its award.

The subjects for the examinations for the candidates from the Sophomore, Junior, and Senior classes are to be a major and a minor subject chosen from different departments of study. Such subjects must be submitted by the first of November each year to a committee of the faculty, consisting for the present year of Professors Hewitt, Fernald, and Mears.

HONOR SCHOLARSHIPS

Several Honor Scholarships of \$2,500.00 each have been founded by alumni and friends of the college, the income of which is awarded by the faculty to as many young men as there are scholarships, in order not only to afford pecuniary aid, but also to recognize successful scholarship.

The scholarships already endowed are as follows :

The Thomson Scholarship, founded by the late Charles H.	
Thomson, Esq., of New York,	\$2,500.00
The J. Ruthven Adriance Memorial Scholarship,	2,500.00
The Warren Scholarship, founded by the late Samuel D.	
Warren, Esq., of Boston,	2,500.00
The Gilson Scholarship, founded by the late Prof. Charles	
F. Gilson,	2,500.00
The Scholarship of the Class of 1867,	2,500.00

GENERAL SCHOLARSHIPS

The income of the endowments included in the appended list, amounting to over \$11,000 annually, is available for distribution at the discretion of the trustees among those students who are known to need aid, toward the payment of their college bills. This is given in scholarships to applicants who are candidates for the bachelor's degree.

(1) Applications must be made on the blank forms supplied by the Secretary of the Faculty. Each case will be considered by the committee on scholarships, consisting of the President and two members of the faculty.

Applications may be made at any time, but an early application is desirable on the part of prospective students who need assistance and wish to know in advance upon what they may depend.

Scholarships are not assigned to students in the special course or in the partial course.

(2) All promises of scholarships to students before their admission are provisional. If any conditions or deficiencies are standing against the candidate when the college year opens, his scholarship will thereby be forfeited.

(3) The stipend for Freshmen is uniformly at the rate of ninety dollars a year. After the Freshman year the stipends range from ninety to one hundred and fifty dollars, the amount being determined by the student's average standing in all his studies.

(4) After the first year scholarships will be confined to students whose averages for the previous year, or, in the

case of the Sophomores, for the last term of the previous year, place them in grades A, B, or C. The values of the stipends in the different grades will be as follows :

Group 1.	Upper grade A, (95 per cent. or over) . . .	\$150.00
" 2.	Lower " " (below 95 per cent.) . . .	135.00
" 3.	Upper " B, (87 to 92 ") . . .	120.00
" 4.	Lower " " (82 " 87 ") . . .	105.00
" 5.	Grade C, (70 " 82 ") . . .	90.00

(5) Any one of the following causes may prevent the consideration of an applicant or cause the forfeiture, either wholly or in part, of a scholarship already awarded :

(a) Evidence satisfactory to the committee that the scholarship is no longer needed.

(b) Any serious misconduct. To the committee on scholarships a formal censure of a student by the faculty will be evidence, but not necessarily the only evidence, of such misconduct.

(c) Marked irregularity of attendance.

(d) Indulgence in intoxicating liquors.

(e) Expensive habits. It will be considered an expensive habit to board elsewhere than at College Hall or to lodge elsewhere than in one of the low-priced college rooms unless the student can show that his expenses are not thereby increased.

(f) A failure on the part of a Freshman to reach fifty per cent. for the half-year in any major subject, or a general average of less than sixty-five per cent. in all subjects, will cancel his scholarship for the following half-year.

But a general average of seventy per cent., or grade C, is required for the last half of the Freshman year, and for every subsequent half-year of the course in order to avoid the forfeiture of a scholarship.

A scholarship may be restored after the lapse of one half-year, if there is no longer any cause of forfeiture, but no allowance will be made for the half-year which has been lost.

When a scholarship has been twice forfeited, it cannot be recovered.

A new application, made out on the form provided for the purpose, must be filed on or before the first of June by all students in the classes of 1902 and 1903 who require scholarships for the coming year, whether they are already on the scholarship list or not. The application must be signed by the student and by his father or guardian.

The application must include a statement of the student's expenses for the college year, made out on the blank provided for the purpose.

The incumbency of a scholarship for one year will constitute no claim to a renewal, unless the standing for which it was originally awarded has been fully maintained.

The class of 1901 will retain their scholarships as heretofore and need not make this new application.

All scholarships in classes under the present scholarship system will bear the names of the donors of funds or names designated by them. Funds individually too small to furnish a scholarship in the lowest group will be united, and their income will supply, so far as it goes, General Scholarships of the lowest group. But the Freshman scholarships will be provided from the income of the bequest of Henry T. Morgan and will bear his name.

As all scholarships, after admission, are to be based on scholarly rank, the so-called "honor scholarships" will finally be merged into the general list but will retain the names of their donors.

In accordance with previous announcement, lists of all holders of scholarships, except Freshmen, are printed in this catalogue. The lists for the classes of 1900 and 1901 are alphabetical; for the class of 1902, by groups according to grades. As soon as all the classes in college come fully under the operation of the system, the lists will be printed by groups, disregarding distinctions of class.

LIST OF SCHOLARSHIP FUNDS

John C. Baldwin Fund, 1871	\$27,915.14
Alumni Scholarship Fund, 1870	10,000.00
Mrs. Abby B. Mills Fund, 1876	8,300.00
State Fund, 1869	7,500.00
Woodbridge Little Fund, 1811, 1813	6,000.00
Ezra Starkweather Fund, 1835	943.60
Mrs. Robert Means Fund, 1857	1,000.00
Moses Day Fund, 1880	5,000.00
Mrs. Betsey Barnes Fund, 1879,	300.00
Charles A. Jessup Scholarship, 1879	1,000.00
Three Commonwealth Scholarships, 1861	4,500.00
Thomas Thornton Read Permanent Fund, 1888	4,965.75
Horace Nathaniel Pennoyer Scholarship, 1895	3,500.00
Thomas Thornton Read Scholarship, 1875	2,500.00
Francis Henshaw Dewey Scholarship, 1888	3,000.00
Henshaw Scholarship, 1888	3,000.00
Scholarship of the Class of 1851, 1872	2,500.00
Louisa F. Bartlett Scholarship, 1874	2,500.00
Homer Bartlett Scholarship, 1861, 1874	2,500.00
William Hyde Scholarship, 1869, 1875	2,500.00
Mrs. William Hyde Scholarship, 1880	2,500.00
Orrin Sage Scholarship, 1853, 1875	2,500.00
Miss Sarah R. Sage Scholarship, 1880	2,500.00
Hancock Scholarship, 1875	2,500.00
Olin White Geer Memorial Scholarship, 1884	2,500.00
Chadbourne Scholarship, 1889	2,500.00
Henry P. Brush Scholarship, 1885	2,375.00
Amos Lawrence Scholarships, 1847	2,000.00
Scholarship of the Class of 1852, 1873	1,808.00
Charles A. Dewey Scholarship, 1866, 1870	1,500.00
Scholarship of the Class of 1862, 1868-1877	1,227.00
Abram B. Olin Scholarship, 1866	1,000.00
George H. Rosseter Scholarship, 1873	1,000.00
Newton Henry Rosseter Scholarship, 1870	1,000.00
Mrs. Charlotte Cone Scholarship, 1856	1,000.00
Charles Stoddard Scholarship, 1866	1,000.00
Emory Washburn Scholarship, 1877	1,000.00
Mrs. Sarah Woodhull Arms Scholarship, 1877	1,000.00
Cyrus Taggart Mills Scholarship, 1886	1,000.00
Charles Merriam Scholarship, 1860	550.00
J. Barker and Brothers Scholarship, 1856	500.00
W. W. Mason Scholarship, 1856	500.00

B. F. Bancroft Scholarship, 1856	. . . . .	\$500.00
Bela Peck Williams Scholarship, 1859	. . . . .	500.00
Thomas W. Williams Scholarship, 1859	. . . . .	500.00
Franklin M. Olds Fund, 1886	. . . . .	700.00
John Tatlock, Jr. Fund, 1892	. . . . .	500.00
Michael E. Driscoll Fund, 1896	. . . . .	1,000.00
Charles A. Heath Fund, 1897	. . . . .	500.00
Franklin B. Yates Fund, 1897	. . . . .	300.00
William Hilton Fund, 1897, 1899	. . . . .	22,553.66
		<hr/>
		\$159,938.15
Henry T. Morgan Fund, 1883	. . . . .	81,893.00
		<hr/>
Total	. . . . .	\$241,831.15

The use of the income of the bequest of the late Henry Titus Morgan, Esq., in assisting young men to secure an education, is in accordance with the preference expressed, though not made mandatory, in his will. By vote of the trustees the income will be used, so far as may be necessary, to provide Henry T. Morgan Scholarships for the Freshman class.

The income of \$6,000, the gift of Ebenezer R. Goodnow of Charlemont, will also ultimately be devoted to scholarships.

EXPENSES

TREASURER'S BILLS

Tuition, \$52.50 per half-year	. . . . .	\$105.00	\$105.00
Library	. . . . .	4.50	4.50
Gymnasium	. . . . .	3.00	3.00
Infirmary	. . . . .	3.00	3.00
Room rent, \$4 to \$56 per half-year	. . . . .	8.00	112.00
		<hr/>	<hr/>
		\$123.50	\$227.50

In addition to these items a fee is charged for the use of apparatus and materials in connection with the elective courses in history of architecture, biology, chemistry, and physics, namely: for the Junior courses in biology \$15, in chemistry \$15 and breakage, and in physics \$12; the

charges for the Senior courses are \$15 in biology, \$25 and breakage in chemistry, and \$15 in physics and history of architecture. A small charge is made in each of these departments for the use of apparatus and materials in connection with the required courses. All fees mentioned in this paragraph are paid directly to the respective departments.

An additional charge of \$9 is made on the last term bill of the Seniors to cover the cost of the diploma, the general catalogue, and the alumni dinner.

Every student's bill is mailed to him at the beginning of each half year, and he is held responsible for prompt payment, which is required in advance. In case any student fails to pay by the end of the second week of the term, he may be excluded from all college exercises.

Those students who, from choice or necessity, room in town, can obtain rooms at prices somewhat higher than the rates charged in college.

GENERAL EXPENSES

The following is an estimate of the necessary expenses for the college year :

Board, \$3.50 to \$6 per week, for 36 weeks	\$126.00	\$216.00
Washing	15.00	20.00
Fuel and light	8.00	18.00
	<hr/>	<hr/>
	\$149.00	\$254.00

To the above items must be added the expense of furnishing room, cost of text-books, and incidentals. The amount of incidental expenses depends very much on the habits of the student.

Any special damage done by students to college property will be charged in their term bills.

Those who enter on an advanced standing, unless they come from another college, pay the following sums as entrance fees, viz.: Sophomores, \$10; Juniors, \$20; Seniors, \$30; and this rule is also applicable to partial course students.

COLLEGE HALL

The house known as College Hall was built and furnished by friends of the college in order to reduce the price of board for students. It is expected that the price will not exceed \$3.50 per week. Bills will be presented monthly and must be promptly paid, or the penalty of exclusion may be applied.

Board can be obtained in private houses, or in clubs, at prices ranging from \$3.50 to \$6.00 per week.

COLLEGE ROOMS

The dormitories of the college accommodate in double rooms two hundred and fifty students. Each student supplies the furniture for his room. In Morgan Hall and College Hall the rooms are heated by steam and cared for by the college, and the prices quoted include charges for heat and service. Service beyond the actual care of the rooms should be arranged for with the employees personally. The rooms in the other building are heated by stoves and cared for by the occupants. Students receiving beneficiary aid are expected to room in the older dormitories.

Morgan Hall has thirty-three double rooms (a study and two bedrooms), two triple rooms (a study and three bedrooms, and one single room. The common size of the study is 14 by 16. Each bedroom is 8 by 12. The yearly rental for each occupant is from \$72 to \$112.

College Hall has four double rooms (a study and one large bedroom), and six single rooms. Each room is 16 by 18. The yearly rental for each occupant is from \$60 to \$80.

The older buildings, Kellogg Hall, and East, South and West Colleges, have seventy-seven double rooms (a study and two small bedrooms, or one large one), and five single rooms. The size of the study is generally 12 by 16, and of the bedroom 7 by 9. The yearly rental for each occupant is from \$8 to \$30.

Early in May the rooms are rented for the ensuing year. The two occupants of any room can retain their room for the coming college year. One student can hold his half of a double room by securing a room-mate from his own class or from an upper class. The rooms not thus re-engaged are offered to the classes in the order of seniority.

The choice in each class is determined by lot, but no choice is given except to two members of the same class who have signified a desire to room together.

Students about to enter college, who wish rooms in the steam-heated buildings, should make early application to the Registrar. To secure these rooms an obligation for the college year must be given and the first half-year's rent paid in advance. Rooms in the other buildings can be secured as soon as the student's entrance papers are accepted and the obligation for the year has been given. Mr. M. M. Watkins, superintendent of buildings, will clean and repair the rooms for the entering class, and will furnish on application the definite dimensions of the rooms and other information relating to the condition of the rooms. All furniture should be sent to his care.

As the rooms are arranged for two occupants, it is very desirable that students about to enter college should secure their own room-mates before the college year opens. When this is not done, the men will be located in the order of their application.

Each student renting a college room must occupy it himself, no transfer of rooms being allowed. Each occupant will be held responsible for damage done to the room.

Students who leave college at the end of the college year, as well as those who are to change from one room to another, or from a college room to a private house or a society house, must remove all furniture and other property from their rooms within two weeks after Commencement day. Furniture not thus removed by the owner will be removed by the college employees and stored at the owner's expense. This expense will be collected of students who leave college when the property is taken away, but for other students it will be charged in the next term bill.

PRIZES AWARDED AT COMMENCEMENT, 1899

BENEDICT PRIZES

In Latin

FIRST PRIZE—Edward Thomas Broadhurst . . . Class of 1901
SECOND PRIZE—Henry Dwight Brooks . . . “ “ “
HONORABLE MENTION—Lewis Squires . . . “ “ “

In Greek

FIRST PRIZE—Edward Thomas Broadhurst . . . Class of 1901
SECOND PRIZE—Dana Tarbell Ackerly . . . “ “ “
HONORABLE MENTION—Lewis Squires and Henry Dwight
Brooks . . . “ “ “

In French

FIRST PRIZE—Richard Brewster Chapman . . . Class of 1900
SECOND PRIZE—Harry James Smith . . . “ “ 1902

In German

FIRST PRIZE—Edmond Wood Billetdoux . . . Class of 1899
SECOND PRIZE—Joel Hatheway . . . “ “ “
HONORABLE MENTION—Edward Francis Taylor . . . “ “ “

In Mathematics

FIRST PRIZE—Equally divided between John Augustus
Cleveland and Burt Andrew Hayner . . . Class of 1901
HONORABLE MENTION—Harlow Solomon George Loveless “ “ “

In Natural History

FIRST PRIZE—Paul Marshall Rea . . . Class of 1899
SECOND PRIZE—Walter Leslie Sargent . . . “ “ “

In History

FIRST PRIZE—Edward Richmond Tinker, Jr. . . . Class of 1899
SECOND PRIZE—Norman Burt Sherry . . . “ “ “
HONORABLE MENTION—Alexander Diven Falck . . . “ “ “

PRIZE FOR PRIZES

Edmond Wood Billetdoux . . . Class of 1899

GRAVES PRIZES

For Essay—Class of 1899

Harry Rutgers Conger	Edward Francis Taylor
James Mandly Hills	Edward Richmond Tinker, Jr.
John Saunders Oakman	Irving Depew Wildey

For Excellence of Delivery

James Mandly Hills

RHETORICAL PRIZES

General Prize

Charles Denison Makepeace Class of 1900

Junior Prizes

FIRST PRIZE—Arthur Foster Hebard Class of 1900
 SECOND PRIZE—George Montgomery Chadwell " " "

Sophomore Prizes

FIRST PRIZE—William Henry Quirk Class of 1901
 SECOND PRIZE—Stanley Fisher Gutelius " " "

VAN VECHTEN PRIZE

For Extemporaneous Speaking

Alonzo Edwin Branch Class of 1899

TRUSTEES RHETORICAL PRIZE

For Excellence in Declamation

FIRST PRIZE—Orwell Bradley Towne Class of 1902
 SECOND PRIZE—Chester Higbee Griggs " " "
 HONORABLE MENTION—Edward Ralph Yarnelle " " "

PRIZES FOR ADELPHIC UNION DEBATE

FIRST PRIZE—Fred Wilder Cross Class of 1900
 SECOND PRIZE—Edwin Haight Whitehead " " 1899
 THIRD PRIZE—John Athanasius Djerf " " 1900

DEWEY PRIZE

For Excellence in Commencement Exercises

Henry Clarence Whitehead Class of 1899

RICE PRIZES

In Latin

FIRST PRIZE—Edmond Wood Billetdoux . . .	Class of 1899
SECOND PRIZE—Joel Hatheway . . .	" " "
HONORABLE MENTION—Walter Eugene Foster . .	" " "

In Greek

FIRST PRIZE—Llewellyn Judson Howe . . .	Class of 1899
SECOND PRIZE—Equally divided between Albert LeRoy Andrews and William Henderson Davidson . .	" " "

Book Prizes for the Rice Fund—Class of 1901

Myron Nathaniel Clark	William Henry Timbie
William Kingsbury Lane	Guilford Morgan Wakelin
Lewis Squires	James Knight Wardwell

LATHERS GOLD MEDAL

Irving Depew Wildey	Class of 1899
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FRANKLIN STORY CONANT PRIZE IN BIOLOGY

Paul Marshall Rea	Class of 1899
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THE HORACE F. CLARK PRIZE SCHOLARSHIP

Edmond Wood Billetdoux	Class of 1899
Richard Brewster Chapman	" " 1900
Anthony Martin Menkel	" " 1901
Charles Wilson Mills	" " 1902

(Prepared at the Pittsfield High School)

HONOR SCHOLARSHIPS

Burt Andrew Hayner . . .	GILSON SCHOLAR
John Augustus Cleveland . .	SCHOLAR OF THE CLASS OF 1867

For the Thomson, Warren, and Adriance scholarships see the list of scholarships of the class of 1902, page 80.

HOLDERS OF SCHOLARSHIPS

SENIORS, CLASS OF 1900

William Chapman Abbott	Harry Pierson Hammond
Edward Michael Anderson	Clarence West Hodges
James Joseph Anderson	Francis Sessions Hutchins
Michael Francis Black	Jacob Klemann, Jr.
James Wilson Boyd	Dwight Ralston Little
Harrison Morgan Brown	George Power Merrett
George Parker Campbell	Elwin Lawrence Page
George Montgomery Chadwell	Truman Laurance Saunders
Randolph Foster Clark	Charles Hill Seaver
Douglas Hawley Cornell	Boudinot Seeley, Jr.
Fred Wilder Cross	Dering Jay Sprague
John Asa DeCamp	Chester Dewey Stiles
Hobert Cutler Dickinson	Charles Clark Stillman
John Athanasius Djerf	William Richard Warren
William James Ferguson	Sydney Hall Wentworth
Charles Newman Hall	

JUNIORS, CLASS OF 1901

Alfred Churchill Baker	Stanley Lydecker
Richard Porter Bloom	Sumner Redway Mason, Jr.
Frank Herbert Clark	Anthony Martin Menkel
John Augustus Cleveland	Howard Dwight Miner
Stanley Fisher Gutelius	Burnett Orion Moseley
Burt Andrew Hayner	Fred Leslie Newton
Whiteside Hill, 2nd.	William Henry Quirk
William Kingsbury Lane	William Henry Timbie
Paul Leggett	James Knight Wardwell
Harlow Solomon George Loveless	

SOPHOMORES, CLASS OF 1902

For the principle upon which the following list is graded, see (4) on page 69.

GROUP I.

Austin Morris Harmon,	Thomson Scholar
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GROUP II.

Charles Wilson Mills,	Warren Scholar
William Leander Spencer,	J. Ruthven Adriance Memorial Scholar

GROUP III.

Albert Murdock Doty,
Willis Henry Hosmer,
Arthur Roy Leonard,

Class of 1851 Scholar
Chadbourne Scholar
Louisa F. Bartlett Scholar

GROUP IV.

Lansing Bartlett Bloom,
George Smith Green,
Walter Philip Smith,

Thomas Thornton Read Scholar
Moses Day Scholar
" " "

GROUP V.

Arthur Francis Bassett,
Walter James Boland,
Arthur Wyman Carr,
Bryan Ripley Dorr,
George Earle Holmes,
George Lavern Leigh,
George Thurston Little,
Ernest Foster Marsh,
James Francis O'Neill,
Louis Hooker Palmer
Lamar Seeley,
George Leslie Smith,

Mrs. William Hyde Scholar
Henry P. Brush Scholar
William Hilton Scholar
" " "
Miss Sarah R. Sage Scholar
William Hilton Scholar
" " "
" " "
" " "
" " "
Alumni Scholar
" "

APPOINTMENTS FOR COMMENCEMENT

CLASS OF 1899

Philosophical Orations

First Class

Edmond Wood Billetdoux (Valedictorian)
Edward Francis Taylor

Second Class

Albert LeRoy Andrews
Joel Hatheway

Orations

Fred LeRoy Brown	Stewart William Irwin
Walter Eugene Foster	Harold Eddy Johnston
Llewellyn Judson Howe	Norman Burt Sherry
Edward Richmond Tinker, Jr.	

Dissertations

First Class

Lawrence Whitney Carr
William Henderson Davidson
Sidney Fawcett Pattison
Adelbert Seymour Watson
Charles Thomas Whelan
Henry Clarence Whitehead
Irving Depew Wildey

Second Class

Horace Cottrell
John Gale Hun
Sydney Tucker Jones
Walter Leslie Sargent
Edward Lyman Wilder

DEGREES CONFERRED IN 1899

BACHELOR OF ARTS

Albert LeRoy Andrews	Romeyn Buckbee Jansen
George Hanford Ansley	Leland Potter Jenks
Fred Reuel Baker	Harold Eddy Johnston
John Barker	Frederick Mensch Joiner
William Henry Beattie	Sydney Tucker Jones
Edmond Wood Billetdoux	John Russell Keeler
Paul Nebeker Bogart	Walter Charles Kellogg
Edward Rice Bolton	Henry Bennett Leary
Alonzo Edwin Branch	Herbert Henry Lehman
Edwin Morgan Brookfield	Orland White Mason
Fred LeRoy Brown	Edward Abner May
Samuel Brown	Henry Edwin Moffett
Frank John Bruno	Fancher Nicoll
Guy Toland Butler	John Saunders Oakman
Lawrence Whitney Carr	Herbert Lozene Packard
Ralph Starkweather Chandler	Horace Dwight Patterson
Onslow Wilberforce Comstock	Sidney Fawcett Pattison
Henry Rutgers Conger	Frederick Rawcliffe
Horace Cottrell	Paul Marshall Rea
William Henderson Davidson	James Thomas Reardon
Edward Crosby Doughty	Richard Ashley Rice
George Centennial Douglass	Albert Ambrose Richards
Leo Kimball Eaton	Elmore Preston Ross
Alexander Diven Falck	William Wickes Rossiter, Jr.
Daniel Fitts, Jr.	Harry Haynes Rowland
Walter Eugene Foster	Jacques Cortelyou Rushmore
Robbins Gilman	William McMurtrie Rutter
Thomas Pim Goodbody	Walter Leslie Sargent
Grosvenor Grannis	George Demarest Sears
Joseph Ambrose Hall	Norman Burt Sherry
Joel Hatheway	Theodore Merrell Shipherd
Alexander Henderson	Harold Thomson Sloper
Rufus Percival Hibbard	Deane Culver Smith
James Mandly Hills	Dana Levi Spring
Llewellyn Judson Howe	John Hunter Stearns
John Gale Hun	Edward Francis Taylor
Stewart William Irwin	Henry Church Taylor

Edward Richmond Tinker, Jr.	Edwin Haight Whitehead
Edwin Kellogg Trowbridge	Henry Clarence Whitehead
Harvey Judson Vary	Arthur Lawrence Whitely
Adelbert Seymour Watson	Edward Lyman Wilder
Charles Thomas Whelan	Irving Depew Wildey
Marcus Wilbur White	Ralph Lilly Wood

Edward Ridgeway Hutchins,—as of the Class of 1862
 William Tolman,—as of the Class of 1884

MASTER OF ARTS

Robert Allyn Budington
 Edward Morgan Lewis
 George Gilmore Scott

HONORARY DEGREES

DOCTOR OF DIVINITY

Reverend Lyndon Smith Crawford
 Reverend Charles Pinckney Holbrook Nason

MASTER OF ARTS

Myron Samuel Dudley
 David Howe Hitchcock
 George Pelton Lawrence

STUDENTS

CANDIDATES FOR THE DEGREE OF MASTER OF ARTS

Elbridge Lapham Adams, B.A., 1887, Rochester, N. Y.

English, History

Albert LeRoy Andrews, B.A., 1899, Thetford, Vt.

German, French

Fred Andrew Benton, B.A., 1894, Earlville, N. Y.

English, History

John Martin Bieler, B.A., 1898, Hartford, Conn.

English, Political Science

Edmond Wood Billetdoux, B.A., 1899, Williamstown

French, Greek

Walter Andrew Bratton, B.A., 1895, Walla Walla, Wash.

Mathematics, Astronomy

Fred LeRoy Brown, B.A., 1899, Williamstown

Philosophy, English

Clifford Henry Coon, B.A., 1897, Saxton's River, Vt.

English, Biology

Charles Henry Davis, B.A., 1898, Hartford, Conn.

English, Political Science

William Rickcords Folsom, B.A., 1896, Chicago, Ill.

History, English

Walter Eugene Foster, B.A., 1899, Williamstown

Latin, English

Grosvenor Bouton Hill, B.A., 1897, Williamstown

English, Latin

Harry Hopkins Hubbell, B.A., 1898, Buffalo, N. Y.

Greek, Latin

Gardner Cotrell Leonard, B.A., 1887, Albany, N. Y.

History, Political Science

WILLIAMS COLLEGE

Stephen Tracy Livingston, B.A., 1887, Williamstown
English, History

Walter Horton Main, B.A., 1895, Troy, N. Y.
English, History

Orland White Mason, B.A., 1899, Cincinnati, O.
Political Science, History

Frederick William Memmott, B.A., 1895, North Adams
English

Arthur Guy Merrill, B.A., 1894, Amsterdam, N. Y.
German, French

Roy Waldo Miner, B.A., 1897, New York City
Philosophy, Biology

Wallace Everett Richmond, B.A., 1897, North Adams
Chemistry, Physics

Willard Dean Shannahan, B.A., 1896, New Rochelle, N. Y.
History, Italian

Adelbert Seymour Watson, B.A., 1899, Madison, N. J.
English, Philosophy

Arthur Manley Wickwire, B.A., 1890, LL.B. (*Univ. Minn.*) 1893,
St. Paul, Minn.
History, Political Science

Payson Sibley Wild, B.A., 1891, Chicago, Ill.
German, Greek

GRADUATE STUDENTS, 25

CANDIDATES FOR THE DEGREE OF BACHELOR OF ARTS

The names of candidates deficient in one or more courses are placed at the end of their respective classes.

SENIORS—CLASS OF 1900

William Chapman Abbott	<i>Stamford, Vt.</i>	8 S. C.
Edward Michael Anderson	<i>Auburn, N. Y.</i>	13 E. C.
James Joseph Anderson	<i>Auburn, N. Y.</i>	13 E. C.
Charles Hume Baldwin, Jr.	<i>Amsterdam, N. Y.</i>	A. Δ. Φ. House
Michael Francis Black	<i>Williamstown</i>	Mr. Neyland's
Robert Clifford Black, Jr.	<i>New York City</i>	A. Δ. Φ. House

James Wilson Boyd	<i>Danbury, Conn.</i>	3 S. C.
John Bray	<i>Middleport, N. Y.</i>	5 K. H.
Alfred Dudley Britton	<i>Brooklyn, N. Y.</i>	Z. Ψ. House
Harrison Morgan Brown	<i>Winchester, Va.</i>	17 W. C.
George Parker Campbell	<i>Rutland</i>	8 E. C.
George Montgomery Chadwell	<i>Williamstown</i>	17 W. C.
Richard Brewster Chapman	<i>Ogdensburg, N. Y.</i>	Σ. Φ. Place
Marion Green Cole	<i>Hoosick Falls, N. Y.</i>	19 E. C.
William Rowe Conklin	<i>New York City</i>	Φ. Δ. Θ. House
Roswell Doty Cooper	<i>Little Falls, N. Y.</i>	1 M. H.
Douglas Hawley Cornell	<i>San Francisco, Cal.</i>	13 K. H.
James Boyd Coxe	<i>Toledo, Ohio.</i>	Mrs. Saunders'
Fred Wilder Cross	<i>South Royalston</i>	Chapel Tower
Francis Jenkins Danforth	<i>New York City</i>	Δ. Ψ. Lodge
John Asa De Camp	<i>Tuscarora, N. Y.</i>	Θ. Δ. X. House
Hobert Cutler Dickinson	<i>Whately</i>	17 S. C.
John Athanasius Djerf	<i>New York City</i>	14 E. C.
Louis LeGrand Draper	<i>Lansingburgh, N. Y.</i>	Δ. Ψ. Lodge
Philip Richards Dunbar	<i>Brookline</i>	20 E. C.
Franklin Boyd Edwards	<i>Lisle, N. Y.</i>	Z. Ψ. House
William James Ferguson	<i>Princeville, Ill.</i>	10 K. H.
Tyler Eddy Gale	<i>Worcester</i>	22 E. C.
Russell Cabot Gibbs	<i>Newtonville</i>	Θ. Δ. X. House
Charles Newman Hall	<i>Brooklyn, N. Y.</i>	9 S. C.
Harry Pierson Hammond	<i>Brooklyn, N. Y.</i>	6 K. H.
Arthur Foster Hebard	<i>Brooklyn, N. Y.</i>	Z. Ψ. House
Charles Fisher Hepburn	<i>New York City</i>	Z. Ψ. House
Clarence West Hodges	<i>Randolph, Vt.</i>	11 W. C.
Albert Hopkins	<i>Kansas City, Mo.</i>	A. Δ. Φ. House
Wolcott Julius Humphrey	<i>Warsaw, N. Y.</i>	Mr. Sanford's
George Herbert Huntington	<i>Milton</i>	Θ. Δ. X. House
Francis Sessions Hutchins	<i>Columbus, O.</i>	7 K. H.
Austin Dickinson Jenkins	<i>Portland, Me.</i>	A. Δ. Φ. House
Jacob Klemann, Jr.	<i>New York City</i>	32 W. C.
Dwight Ralston Little	<i>Sheffield</i>	23 E. C.
Kenneth Lord	<i>Brooklyn, N. Y.</i>	Σ. Φ. Place

Charles Denison Makepeace	<i>West Barnstable</i>	Z. Ψ. House
George Power Merrett	<i>London, Eng.</i>	Mr. Kellogg's
Thomas Harold Morrison	<i>Smethport, Pa.</i>	Φ. Δ. Θ. House
Samuel Lewis Motter	<i>Frederick, Md.</i>	5 K. H.
Kenneth Mygatt	<i>New York City</i>	A. Δ. Φ. House
Elwin Lawrence Page	<i>Concord, N. H.</i>	22 E. C.
Arthur Coxe Patterson	<i>New York City</i>	A. Δ. Φ. House
Laurence Worthington Pierce	<i>Lexington</i>	Δ. Υ. House
William Caldwell Plunkett	<i>Adams</i>	K. A. Lodge
William Beaumont Putney, Jr.	<i>New York City</i>	Θ. Δ. X. House
James Barbour Richardson	<i>New York City</i>	9 K. H.
Edwin Everett Risley	<i>Utica, N. Y.</i>	X. Ψ. Lodge
Mark Homer Rogers	<i>Allston</i>	Δ. Υ. House
Allen Howard Russell	<i>Williamstown</i>	Mr. Russell's
Pierce Hubbard Russell	<i>Troy, N. Y.</i>	11 W. C.
Rhea Barton Rutter	<i>Chicago, Ill.</i>	Σ. Φ. Place
Truman Laurance Saunders	<i>Williamstown</i>	Mrs. Saunders'
Charles Hill Seaver	<i>Wyoming, N. Y.</i>	20 E. C.
Robert Chauncey Seaver	<i>Brookline</i>	A. Δ. Φ. House
Boudinot Seeley, Jr.	<i>Portland, Ore.</i>	13 W. C.
Elmer Irwin Shepard	<i>Winona, Minn.</i>	17 E. C.
Dering Jay Sprague	<i>Salem, N. Y.</i>	Z. Ψ. House
Charles Anthony Squires	<i>Plainfield, N. J.</i>	Φ. Δ. Θ. House
Chester Dewey Stiles	<i>Westfield</i>	23 E. C.
Charles Clark Stillman	<i>Troy, N. Y.</i>	14 E. C.
Charles Nowell Stoddard	<i>Greenfield</i>	Φ. Δ. Θ. House
Elijah Kent Swift	<i>Eau Claire, Wis.</i>	Z. Ψ. House
Wilbur Ward	<i>Bloomfield, N. J.</i>	Δ. Υ. House
William Richard Warren	<i>Key West, Fla.</i>	6 E. C.
Sydney Hall Wentworth	<i>Spokane, Wash.</i>	8 K. H.
Richard Ferdinand Williams	<i>New York City</i>	24 M. H.
William Rensselaer Williams	<i>Peacham, Vt.</i>	1 E. C.
John P. Wilson, Jr.	<i>Chicago, Ill.</i>	A. Δ. Φ. House
Edgar Hunt Woodward	<i>Morristown, N. J.</i>	Δ. K. E. House

Randolph Foster Clark	<i>Fort Edward, N. Y.</i>	17 S. C.
James Hiram Foster	<i>New Britain, Conn.</i>	X. Ψ. Lodge
Daniel Crosby Hammatt	<i>Topeka, Kan.</i>	K. A. Lodge
William Howard Richardson	<i>Glendale, Ohio</i>	Δ. Υ. House
Lawrence Henry Smith	<i>LeRoy, N. Y.</i>	21 M. H.
Fred Squires	<i>Plainfield, N. J.</i>	Φ. Δ. Θ. House
James Owen Tryon	<i>Athens, N. Y.</i>	K. A. Lodge

SENIORS, 83.

JUNIORS—CLASS OF 1901

Dana Tarbell Ackerly	<i>Olean, N. Y.</i>	Mr. W. O. Adams's
Alfred Churchill Baker	<i>Schaghticoke, N. Y.</i>	7 E. C.
Albert VanVoast Bensen, Jr.	<i>Albany, N. Y.</i>	K. A. Lodge
Quincy Bent	<i>Overbrook, Pa.</i>	Λ. Δ. Φ. House
John Mathews Birnie	<i>Springfield</i>	Δ. K. E. House
Richard Porter Bloom	<i>Auburn, N. Y.</i>	5 W. C.
Edward Thomas Broadhurst	<i>Springfield</i>	Δ. K. E. House
Henry Dwight Brooks	<i>Westfield</i>	Θ. Δ. X. House
Harold Chapman Brown	<i>Springfield</i>	Φ. Δ. Θ. House
Sylvester Fay Carr	<i>Pavilion, N. Y.</i>	Δ. Υ. House
Paul DeWitt Caskey	<i>Cleveland, O.</i>	6 M. H.
George Vilasco Chandler	<i>Macomb, Ill.</i>	Θ. Δ. X. House
Myron Nathaniel Clark	<i>Salisbury, Conn.</i>	7 E. C.
Frank Herbert Clarke	<i>Topsfield</i>	9 E. C.
John Augustus Cleveland	<i>Rochester, N. Y.</i>	18 E. C.
George Evans Cullinan	<i>Geneseo, N. Y.</i>	4 K. H.
Albert Milton Curtiss	<i>Cleveland, O.</i>	6 M. H.
Charles Milton Davenport	<i>Greenfield</i>	Θ. Δ. X. House
Giles Hotchkiss Dickinson	<i>Binghamton, N. Y.</i>	Mr. Towne's
Marion Francis Dolph	<i>Portland, Ore.</i>	Θ. Δ. X. House
Earl Franklin Drake	<i>Chicago, Ill.</i>	Z. Ψ. House
George Earl Edmunds	<i>Holley, N. Y.</i>	11 E. C.
Ralph Grosvenor Fitch	<i>Cleveland, O.</i>	Mr. Gavitt's
Wilbur Byron Fryer	<i>Middle Falls, N. Y.</i>	3 W. C.
Edward Stuart Goldthwait	<i>Springfield</i>	Δ. K. E. House

Arthur Lawson Goodwillie	<i>Chicago, Ill.</i>	5 M. H.
Stanley Fisher Gutelius	<i>Moscow, N. Y.</i>	7 W. C.
Burt Andrew Hayner	<i>Reynales Basin, N. Y.</i>	9 E. C.
Whiteside Hill, 2d	<i>Greenwich, N. Y.</i>	Chem. Laboratory
Lydiard Heneage Horton	<i>Yonkers, N. Y.</i>	X. ♀. Lodge
John Clarkson Jay, Jr.	<i>New York City</i>	Mr. Gavitt's
Edward Knight Judd	<i>New York City</i>	Mr. Wheeler's
William MacNair Kittredge	<i>Geneseo, N. Y.</i>	7 W. C.
William Kingsbury Lane	<i>Norwich, Conn.</i>	15 W. C.
Francis Owen Lathrop	<i>Fall River</i>	Σ. Φ. Place
Paul Leggett	<i>Nyack, N. Y.</i>	14 S. C.
Harlow Solomon George Loveless	<i>Wolcott, N. Y.</i>	3 W. C.
Stanley Lydecker	<i>Nassau, N. Y.</i>	13 S. C.
Dwight Willison Marvin	<i>Philadelphia, Pa.</i>	Mr. Noel's
Sumner Redway Mason, Jr.	<i>Groton</i>	1 W. C.
Anthony Martin Menkel	<i>New York City</i>	32 W. C.
William King Miller	<i>Philadelphia, Pa.</i>	15 M. H.
Howard Dwight Miner	<i>North Adams</i>	6 E. C.
Burnett Orion Moseley	<i>West Hoosick, N. Y.</i>	19 E. C.
Charles French Osborn	<i>Fall River</i>	Θ. Δ. X. House
Gregory Palmer	<i>Albany, N. Y.</i>	Δ. ♀. Lodge
Charles Francis Park, Jr.	<i>Englewood, N. J.</i>	K. A. Lodge
Paul Potter	<i>Worcester</i>	Z. ♀. House
William Henry Quirk	<i>Geneseo, N. Y.</i>	4 K. H.
William Rooney	<i>Ballston, N. Y.</i>	8 K. H.
Joseph Meeker Ross	<i>Dover, N. J.</i>	11 M. H.
William Peter Schell	<i>Harrisburg, Pa.</i>	K. A. Annex
Wellington Bullard Smith	<i>Lee</i>	Z. ♀. House
John Winthrop Spooner, Jr.	<i>Hingham</i>	13 S. C.
Frederick William Spring	<i>Franklinville, N. Y.</i>	Δ. Υ. House
Lewis Squires	<i>Plainfield, N. J.</i>	Φ. Δ. Θ. House
Lawrence Edmunds Straw	<i>Carey, O.</i>	Δ. K. E. House
Oscar Dickinson Street	<i>Lee</i>	1 E. C.
Ernest Salisbury Suffern	<i>Plainfield, N. J.</i>	5 E. C.
William Henry Timbie	<i>Pittsfield</i>	30 W. C.
Guilford Morgan Wakelin	<i>Philadelphia, Pa.</i>	Δ. K. E. House

James Knight Wardwell	<i>Williamstown</i>	Mrs. Wardwell's
John Shourt Woodward	<i>Morristown, N. J.</i>	Δ. K. E. House

Ralph Wade Barnes	<i>Curtisville</i>	5 E. C.
Dunbar Chaplin Brush	<i>Morristown, N. J.</i>	7 K. H.
Frederic Max Butler	<i>London, O.</i>	Mr. E. A. Towne's
Frederick Parker Hart	<i>Detroit, Mich.</i>	X. Ψ. Lodge
Bayard Bristol Holmes	<i>Chicago, Ill.</i>	14 S. C.
Stanley Mather Howe	<i>Chestnut Hill</i>	K. A. Lodge
Archibald Lawrence Hoyne	<i>Chicago, Ill.</i>	Δ. Υ. House
William George Kanter	<i>Detroit, Mich.</i>	Δ. Υ. House
Fred Leslie Newton	<i>Cazenovia, N. Y.</i>	1 W. C.
Norman Peck	<i>Indianapolis, Ind.</i>	Mr. Noel's
Carroll Carpenter Seeley	<i>Portland, Ore.</i>	13 W. C.
John Phineas Upham	<i>St. Paul, Minn.</i>	Σ. Φ. Place
Stanley Washburn	<i>Minneapolis, Minn.</i>	Δ. Ψ. Lodge

JUNIORS, 76.

SOPHOMORES—CLASS OF 1902

Weber Hill Arkenburgh	<i>Great Barrington</i>	9 W. C.
Marcus Arthur Barnes	<i>Canaan, Conn.</i>	5 C. H.
Randolph Coe Barrett	<i>Bloomfield, N. J.</i>	32 M. H.
Arthur Francis Bassett	<i>Ware</i>	26 W. C.
Lansing Bartlett Bloom	<i>Auburn, N. Y.</i>	5 W. C.
Walter James Boland	<i>Troy, N. Y.</i>	2 E. C.
Arthur Wyman Carr	<i>Ashby</i>	8 W. C.
Edward Richards Clarke	<i>Naples, N. Y.</i>	14 C. H.
Thomas James Cole	<i>Cleveland, O.</i>	12 M. H.
Will Stanley Cookson	<i>Fitchburg</i>	8 E. C.
Paul Delafield Crocker	<i>Chicago, Ill.</i>	35 M. H.
Theodore Linn Denton	<i>New Hampton, N. Y.</i>	37 M. H.
Bryan Ripley Dorr	<i>St. Paul, Minn.</i>	20 W. C.
Albert Murdock Doty	<i>Rensselaer Falls, N. Y.</i>	13 K. H.
Frank Aaron Edson	<i>Duluth, Minn.</i>	12 E. C.
Joseph Buell Ely	<i>Westfield</i>	18 M. H.

Paul Eliot Emerson	<i>Detroit, Mich.</i>	K. A. Annex
William Everdell, Jr.	<i>Rutherford, N. J.</i>	38 M. H.
Harold Day Foster	<i>Auburndale</i>	11 S. C.
Herbert Suwarrow Gay	<i>Newark, N. J.</i>	36 M. H.
Elmer Alanson Green	<i>Brooklyn, N. Y.</i>	14 C. H.
George Smith Green	<i>Adams Centre, N. Y.</i>	18 E. C.
Austin Morris Harmon	<i>Brockport, N. Y.</i>	11 E. C.
George Josiah Hatt, 2d	<i>Albany, N. Y.</i>	35 M. H.
Stanley Cottrill Hauxhurst	<i>Milwaukee, Wis.</i>	25 M. H.
Rowland Haynes	<i>Worcester</i>	16 E. C.
James Walter Heffernan	<i>Housatonic</i>	2 S. C.
Philander Derby Hodgman	<i>Gardner</i>	Δ. K. E. House
George Earle Holmes	<i>Ware</i>	28 W. C.
Harold Marcus Horton	<i>South Lancaster</i>	19 W. C.
Willis Henry Hosmer	<i>Mason, N. H.</i>	11 S. C.
Lucius Warner Howe	<i>Gardner</i>	13 C. H.
Richard Jaeckel	<i>New York City</i>	26 M. H.
Joseph Walter Jeffrey	<i>Columbus, O.</i>	X. Ψ. Lodge
George Lavern Leigh	<i>Clyde, N. Y.</i>	10 E. C.
Arthur Roy Leonard	<i>North Pomfret, Vt.</i>	12 S. C.
George Thurston Little	<i>Wabash, Ind.</i>	12 K. H.
Cornelius Lynde	<i>Chicago, Ill.</i>	Σ. Φ. Place
Ernest Foster Marsh	<i>Ware</i>	28 W. C.
George Bryant Maxwell	<i>Portland, Ore.</i>	25 M. H.
Charles Wilson Mills	<i>Pittsfield</i>	30 W. C.
Arthur Benjamin Mossman	<i>Westminster</i>	16 S. C.
James Francis O'Neill	<i>Manlius, N. Y.</i>	2 W. C.
Lawrence Woodhull Osborne	<i>Chicago, Ill.</i>	9 C. H.
Louis Hooker Palmer	<i>Oak Park, Ill.</i>	3 S. C.
Roy Hunter Palmer	<i>Lansingburgh, N. Y.</i>	33 M. H.
Lewis Cook Parker	<i>Westfield</i>	Δ. K. E. House
Jesse Pickard	<i>New York City</i>	12 M. H.
Laurence Pumpelly	<i>Owego, N. Y.</i>	8 M. H.
Royal Edward Trumbull Riggs	<i>Brooklyn, N. Y.</i>	K. A. Lodge
Lamar Seeley	<i>Portland, Ore.</i>	15 W. C.
Lawrence Slade	<i>New York City</i>	23 M. H.

Donald Pritchard Smith	<i>Allegheny, Pa.</i>	Δ. T. House
George Leslie Smith	<i>Clyde, N. Y.</i>	10 E. C.
Harry James Smith	<i>Berlin, Conn.</i>	13 C. H.
Walter Philip Smith	<i>Montpelier, Vt.</i>	26 W. C.
William Leander Spencer	<i>North Adams</i>	10 S. C.
William Henry Stanley	<i>New York City</i>	18 M. H.
Richard Steel	<i>Auburn, N. Y.</i>	22 W. C.
Orwell Bradley Towne	<i>Saratoga Springs, N. Y.</i>	12 S. C.
Stanley Herbert Wheelock	<i>Uxbridge</i>	36 M. H.
Frederick Petheram Wilbur	<i>Skaneateles, N. Y.</i>	22 W. C.
Frederick Bowen Wills	<i>Auburn, N. Y.</i>	24 W. C.
Homer Edwards Woodbridge	<i>Williamstown</i>	Dr. Woodbridge's
Edward Ralph Yarnelle	<i>Fort Wayne, Ind.</i>	X. Ψ. Lodge

Max Brombacher Berking	<i>Newark, N. J.</i>	Σ. Φ. Place
John Silas Cole, Jr.	<i>Hinsdale</i>	21 E. C.
Harold Perry Erskine	<i>Racine, Wis.</i>	23 M. H.
Lawrence Chaffee Holden	<i>New York City</i>	7 M. H.
Henry Nelson Horton	<i>South Lancaster</i>	19 W. C.
Dana Cheney Hyde	<i>Syracuse, N. Y.</i>	K. A. Lodge
Hugh Chisholm Leighton	<i>Portland, Me.</i>	26 M. H.
Joseph Martin McMahon	<i>Pittsfield</i>	21 E. C.
Harry Lee Powers	<i>Cleveland, O.</i>	2 S. C.
James Aloysius Ranger	<i>Holyoke</i>	9 K. H.
Fielding Simmons	<i>Cleveland, O.</i>	K. A. Annex
David Paul Taylor	<i>Aspen, Col.</i>	13 M. H.
Edward Curtis Van Duzer	<i>Rockford, Ill.</i>	Mr. Sanford's

SOPHOMORES, 78

FRESHMEN—CLASS OF 1903

Marshall Maclay Alden	<i>Troy, N. Y.</i>	14 M. H.
Samuel Edward Allen	<i>Linwood, N. Y.</i>	16 W. C.
William Charnley Andrew	<i>Jamaica Plain</i>	13 M. H.
Laurence Cutler Bangs	<i>Little Falls, N. Y.</i>	25 W. C.

Dwight Albert Bartlett	<i>North Adams</i>	27 W. C.
Thomas Bigelow	<i>Milwaukee, Wis.</i>	22 M. H.
Lucian Guy Blackmer	<i>Webster Grove, Mo.</i>	1 K. H.
Joseph Manton Bradley	<i>Providence, R. I.</i>	18 C. H.
Bruce Wallace Brotherston	<i>North Adams</i>	6 W. C.
Lawrence Levi Brown, Jr.	<i>New York City</i>	34 M. H.
Wilbur Herrick Brown	<i>Woburn</i>	23 W. C.
Clarence John Buck	<i>Stockbridge</i>	3 K. H.
Leland E. Burrell	<i>Canisteo, N. Y.</i>	14 W. C.
Lester Lawrence Callan	<i>Pavilion, N. Y.</i>	4 W. C.
Aaron Burt Champion	<i>Cincinnati, O.</i>	9 M. H.
Marvin Abbott Chapman	<i>Brooklyn, N. Y.</i>	16 M. H.
Herbert Brayton Clark	<i>North Adams</i>	5 C. H.
William Mulford Cooper	<i>Elmira, N. Y.</i>	Mr. Sanford's
Jacob Dolson Cox, 3d	<i>Cleveland, O.</i>	28 M. H.
Samuel Houghton Cox	<i>Cleveland, O.</i>	28 M. H.
Nelson Clark Dale	<i>Williamstown</i>	Prof. Dale's
Walter Thomas Diack	<i>Rensselaer, N. Y.</i>	Mr. Smith's
Theodore Williams Dike	<i>Auburndale</i>	10 W. C.
Richard Hart Doughty	<i>Troy, N. Y.</i>	Mr. Gavitt's
Fred Julian Dunn	<i>Gardner</i>	8 W. C.
Howard Winthrop Dye	<i>Sheffield</i>	15 E. C.
Stuart John Flintham	<i>Albion, N. Y.</i>	21 M. H.
George C. Forrey, Jr.	<i>Anderson, Ind.</i>	Θ. Δ. X. House
Reyburn Frisbie Gove	<i>Oakfield, N. Y.</i>	4 W. C.
Henry Ralph Hadlow	<i>Cleveland, O.</i>	9 M. H.
Warren Otis Hager	<i>South Deerfield</i>	23 W. C.
Rowland Johnson Hastings	<i>Worcester</i>	16 E. C.
James Arthur Hatch	<i>Chittenango, N. Y.</i>	20 M. H.
Walter Woodbury Herrick	<i>Beverly</i>	12 C. H.
Robert George Higinbotham	<i>Victor, N. Y.</i>	1 K. H.
Henry Hopkins, Jr.	<i>Kansas City, Mo.</i>	17 C. H.
Richard Wolcott Hubbell	<i>Chazy, N. Y.</i>	17 M. H.
George Frederick Hummel	<i>Southold, N. Y.</i>	29 W. C.
George Frederick Hurd	<i>Syracuse, N. Y.</i>	21 W. C.
Bradley Fisher Jones	<i>Syracuse, N. Y.</i>	21 W. C.

Morgan Akin Jones	<i>Hudson, N. Y.</i>	29 M. H.
Jacob Hornbeck Jordan	<i>Port Jervis, N. Y.</i>	37 M. H.
Percy Joseph King	<i>Northampton</i>	18 M. H.
Sidney Charles Lederer	<i>Pittsfield</i>	3 E. C.
James Lowell Linsley	<i>Woodbury, Conn.</i>	12 W. C.
Robert Rice Little	<i>Wabash, Ind.</i>	12 K. H.
Richard Sanders Lord	<i>Brooklyn, N. Y.</i>	Σ. Φ. Place
Bethuel Boyd Vincent Lyon	<i>Philadelphia, Pa.</i>	Mrs. Dodd's
Clarence McMillan	<i>New York City</i>	2 K. H.
Edward Weatherby Manley	<i>Long Island City</i>	14 W. C.
Brainerd Mears	<i>Williamstown</i>	Prof. Mears'
Harris David Mears	<i>Williamstown</i>	Prof. Mears'
Seward Hollister Millener	<i>North Tonawanda, N. Y.</i>	Mr. Smith's
Carl Basset Moore	<i>Manlius, N. Y.</i>	2 W. C.
Grant R. Morrow	<i>Princeville, Ill.</i>	15 E. C.
Alfred Henry Morton, Jr.	<i>Holyoke</i>	11 C. H.
James Glenn Orr	<i>Pittsfield</i>	31 M. H.
Charles Elliott Osgood	<i>Hudson</i>	4 S. C.
Walter Curtis Palmer	<i>Stockbridge</i>	3 K. H.
Hugh Peters	<i>Englewood, N. J.</i>	14 M. H.
John Ernest Rice	<i>Grace P. O., N. C.</i>	10 W. C.
Maxwell Ware Rice	<i>Williamstown</i>	Prof. Rice's
Rochester Hart Rogers	<i>Rochester, N. Y.</i>	4 M. H.
John Ralph Royall	<i>Brooklyn, N. Y.</i>	17 M. H.
Leigh Sanford	<i>Westfield</i>	Mrs. Sutherland's
Barclay Jermain Savage	<i>Newburgh, N. Y.</i>	6 C. H.
Albert Adams Sercomb	<i>Chicago, Ill.</i>	2 M. H.
Edward Chauncey Smith	<i>Groton</i>	3 W. C.
George Kirkham Smith	<i>Concord</i>	22 M. H.
Richard Mason Smith	<i>East Northfield</i>	27 W. C.
Hayden Talbot	<i>New York City</i>	29 M. H.
George Lemuel Taylor	<i>Great Barrington</i>	9 W. C.
Edward Ole Thorpe	<i>Concord</i>	20 W. C.
Charles Milton Turell	<i>Moscow, N. Y.</i>	16 W. C.
Cornelius Van Inwegen	<i>Port Jervis, N. Y.</i>	13 M. H.
James Wilson Vose	<i>Ashburnham</i>	12 W. C.

Julius Earll Waller	<i>Skaneateles, N. Y.</i>	31 M. H.
Harlan Lewis Walrath	<i>Little Falls, N. Y.</i>	3 M. H.
Charles Henry Ward	<i>Syracuse, N. Y.</i>	24 W. C.
Townsend King Wellington	<i>Troy, N. Y.</i>	16 M. H.
Clarence Eugene West	<i>Syracuse, N. Y.</i>	24 M. H.
Edward Lyon Wharton	<i>Newark, N. J.</i>	Mr. Smith's
Charles Irving Wood	<i>Englewood, N. J.</i>	30 M. H.
Charles Irving Wood	<i>Southbridge</i>	24 E. C.
David Shelley Woods	<i>Albion, N. Y.</i>	25 W. C.

Morton Hoit Eddy	<i>Chicago, Ill.</i>	30 M. H.
Theodore Edward Hazell	<i>Summit, N. J.</i>	4 S. C.
Stephen Henry Skilton, Jr.	<i>Boston</i>	2 M. H.
George Elliott Stevenson	<i>Detroit, Mich.</i>	Mr. Kelly's

FRESHMEN, 89.

PARTIAL COURSE STUDENTS

Warren Ulysses Chase Baton	<i>Whitinsville</i>	24 E. C.
George Newell Bell	<i>New York City</i>	4 M. H.
Edward Whitney Bodman	<i>Chicago, Ill.</i>	Σ. Φ. Place
Frank Seiders Brown	<i>Salmon Falls, N. H.</i>	Mrs. Dodd's
Homer Andrew Bushnell	<i>North Adams</i>	Mrs. Kemp's
Dudley Butler	<i>Madison, N. J.</i>	A. Δ. Φ. House
Charles Elmer Lewis Clark	<i>Newton Centre</i>	34 M. H.
Sidney Arthur Graves	<i>Brooklyn, N. Y.</i>	7 M. H.
Chester Higbee Griggs	<i>St. Paul, Minn.</i>	8 M. H.
Orville Reed Hagen	<i>Lansingburgh, N. Y.</i>	10 K. H.
James Angell Hardman	<i>North Adams</i>	2 K. H.
Harold Allen Herrick	<i>Poughkeepsie, N. Y.</i>	Mrs. Kemp's
Frederic Garvin Hodson	<i>New York City</i>	26 M. H.
Louis Rae Hulbut	<i>Cortland, N. Y.</i>	3 M. H.
Tristram Burges Johnson	<i>New York City</i>	33 M. H.
Everton Jay Lawrence	<i>Norwalk, O.</i>	10 S. C.
Marcus Clinton Mason	<i>Carthage, N. Y.</i>	Mrs. Sutherland's

Guy Kunkel Motter	<i>Frederick, Md.</i>	11 K. H.
Albert Ransom Parker	<i>Ogdensburg, N. Y.</i>	Σ. Φ. Place
Edward Calvin Patterson	<i>Brooklyn, N. Y.</i>	11 M. H.
Chester Addy Peebles	<i>Cincinnati, O.</i>	4 C. H.
Arthur Everett Sayles	<i>Albany, N. Y.</i>	Mr. N. F. Smith's
Roy Meriwether Shayne	<i>Chicago, Ill.</i>	3 E. C.
Ernest Edward Shepard	<i>Winona, Minn.</i>	17 E. C.
Mortimer Fuller Smith	<i>Lynn</i>	X. Ψ. Lodge
Earl Daniel Sprague	<i>Bridgeport, Conn.</i>	15 M. H.
Franklin Condit Thompson	<i>Orange, N. J.</i>	6 W. C.
Stephen Noyes Wager	<i>Lansingburgh, N. Y.</i>	10 C. H.
Dudley Ward	<i>Bloomfield, N. J.</i>	32 M. H.
Edward Gay Wasey	<i>Detroit, Mich.</i>	12 E. C.
Bertrand Lawrence Wells	<i>Syracuse, N. Y.</i>	38 M. H.
Willard Wall Wheeler	<i>Springfield, Ill.</i>	Mr. Wheeler's
Reginald Grant White	<i>Cooperstown, N. Y.</i>	11 K. H.
Sidney Beardsley Wood	<i>Bridgeport, Conn.</i>	Δ. Ψ. Lodge
Warren Eugene Woodworth	<i>Rochester, N. Y.</i>	6 C. H.

PARTIAL COURSE STUDENTS, 35

SUMMARY

GRADUATE STUDENTS	.	.	.	.	25
SENIORS	.	.	.	.	83
JUNIORS	.	.	.	.	76
SOPHOMORES	.	.	.	.	78
FRESHMEN	.	.	.	.	89
PARTIAL COURSE	.	.	.	.	35
TOTAL	.	.	.	.	386

SUMMARY BY STATES

NEW YORK	147
MASSACHUSETTS	104
NEW JERSEY	22
ILLINOIS	21
OHIO	19
CONNECTICUT	11
MINNESOTA	8
PENNSYLVANIA	8
VERMONT	7
INDIANA	5
MICHIGAN	5
OREGON	5
WISCONSIN	4
NEW HAMPSHIRE	3
MISSOURI	3
MAINE	2
MARYLAND	2
WASHINGTON	2
CALIFORNIA	1
COLORADO	1
ENGLAND	1
FLORIDA	1
KANSAS	1
NORTH CAROLINA	1
RHODE ISLAND	1
VIRGINIA	1
<hr/>	
TOTAL	386
WHOLE NUMBER OF GRADUATES	3,779

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